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SONY®

3-856-920-**05**(1)

Trinitron Color monitor

operating instructions

Thank you for your purchase.

caveat

Not following safety precautions for electrical products
This may result in a fire or personal injury.

This instruction manual describes important precautions to prevent accidents and how to handle the product.Please read this instruction manual and the separate "For Your Safety" carefully.Please use the product safely. After reading, be sure to keep it in a place where you can easily access it at any time.

KX-32HV50

-1996 by Sony Corporation

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of
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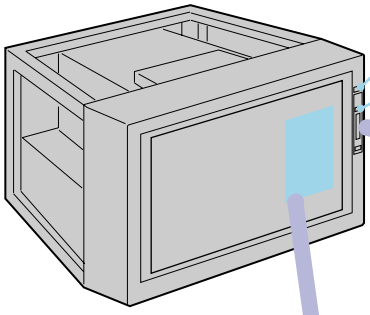
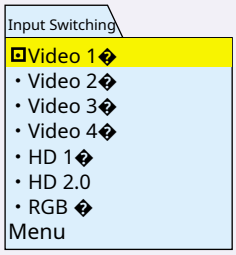
Operating from the main unit(Control

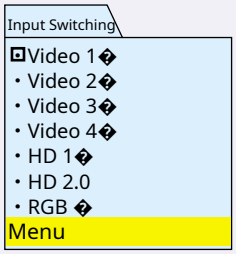


Screen Display

1

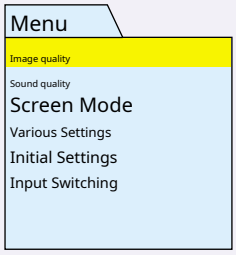


2



Example: When you select a menu

3



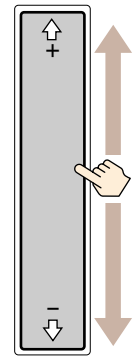
Rupad)

You can easily operate the unit using the control pad on the unit. Make sure the power is on. If it is not, press thePOWERPress the (power) switch toSTANDBY (standby) lamp should be lit.

1 CONTROL(Con Press the (troll) key.

The control screen (input selection, menu) is displayed.¡36If you have set a custom menu item (page), the custom menu items will be displayed.

2 Drag the control pad to switch to the input you want to* Or select a menu.



VOL/CTRL

It works the same as the selection +/- buttons on the remote control.

When . is displayed in the bottom left of the menu screen, it indicates that there are further menus or other items below it. Continue swiping to select.

CONTROLYou can adjust the volume by sliding your finger across the control pad without pressing any keys.

*If you have changed the settings of the control screen using the custom menu function, the input selection screen will not be displayed. In that case, select "Input Selection" to display the input selection screen.

3 ENTERPress the (Enter) key.

The input will switch to the selected input. When you select a menu, the setting or adjustment menu will be displayed.

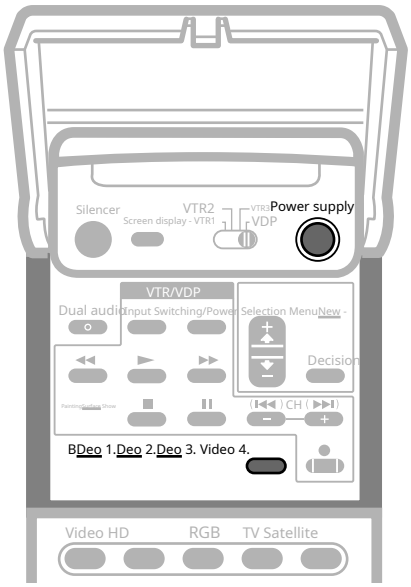
It works the same as the decision button on a remote control.

4 When operating the menu, proceed as follows:2and3 Repeat to set or adjust.

¡For details, please see the explanation pages for each item, such as "Adjusting the screen."

5 CONTROLPress the (CONTROL) key to turn off the control screen.

Watching TV broadcasts, satellite broadcasts, etc.



TVTuner andB.S.Tuner, digitalCSConnect a tuner or other device (hereafter referred to as a tuner) (¡26Page)

, TV broadcasting, satellite broadcasting, digitalCSYou can enjoy broadcasts and more.

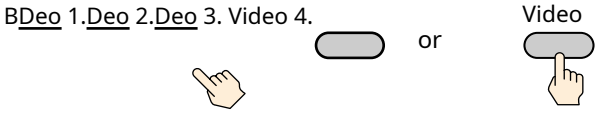
A quick note

- digitalCSTo watch the broadcast, you need a digitalCSA reception contract with the broadcasting station is required. For details, see DigitalCSPlease contact your broadcasting station. For details on connection and operation, please contact theCSPlease refer to the tuner's instruction manual.
- Cable TV (CATV)CATVA reception contract with the broadcasting station is required.CATVThere are some areas where reception is not possible. For more information, please contact your localCATV Please contact the broadcasting station.
- When watching videos, etc. "Viewing video from a connected device"(¡8Please see page Please use a video deck with a built-inTVTuner andB.S.You can also watch the video received by the tuner.

1 Press the power button.

2 Select the input to which the tuner is connected.

You can also do this using the control pad on the front of the unit.¡2~3page.



Each time you press the video button, it changes as follows:

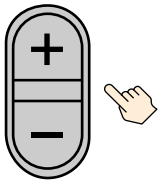
nvideo1nvideo2nvideo3nvideo4

3 On the tuner side, turn on the tuner. and select a channel.

For details, please refer to the tuner's instruction manual.

4 Press the volume +/- button to adjust the volume. do.

Volume



The control pad on the front of the unitCONTROLYou can also make adjustments by tracing without pressing a key.

To temporarily mute the sound

Press the mute button on the remote control.

The "Mute" message will appear on the screen.

Masu.

To turn off the screen

St. GIGAIndependent audio broadcasting such as

When listening to the above,

You can turn off the body screen.

Control pad on the front of the unit

But you can.

1 Press the menu button.

2 Press the SELECT +/- button

Select "Various Settings" and press the OK button.

Press the button.

3 Press the SELECT +/- button

Select "Mute" and press the OK button

Press.

4 Press the SELECT +/- button

Select "On" and press the OK button.

push.

5 Press the Menu button to

Turn off the news.

Input and other information is displayed on the screen.

To

Press the DISPLAY button on the remote control.

Press the display button again.

Press the button to make it disappear.

Sony tuner*When you have

Please set the tuner type first.¡35Page You can change channels on the Sony tuner by pressing the channel +/- and channel number buttons on the unit's remote control.

You can also use the dual audio button to select the audio for dual audio broadcasts.

*Sony digitalCSTuner is excluded. DigitalCS
The tuner channel cannot be changed.

SAT-900TVWhen

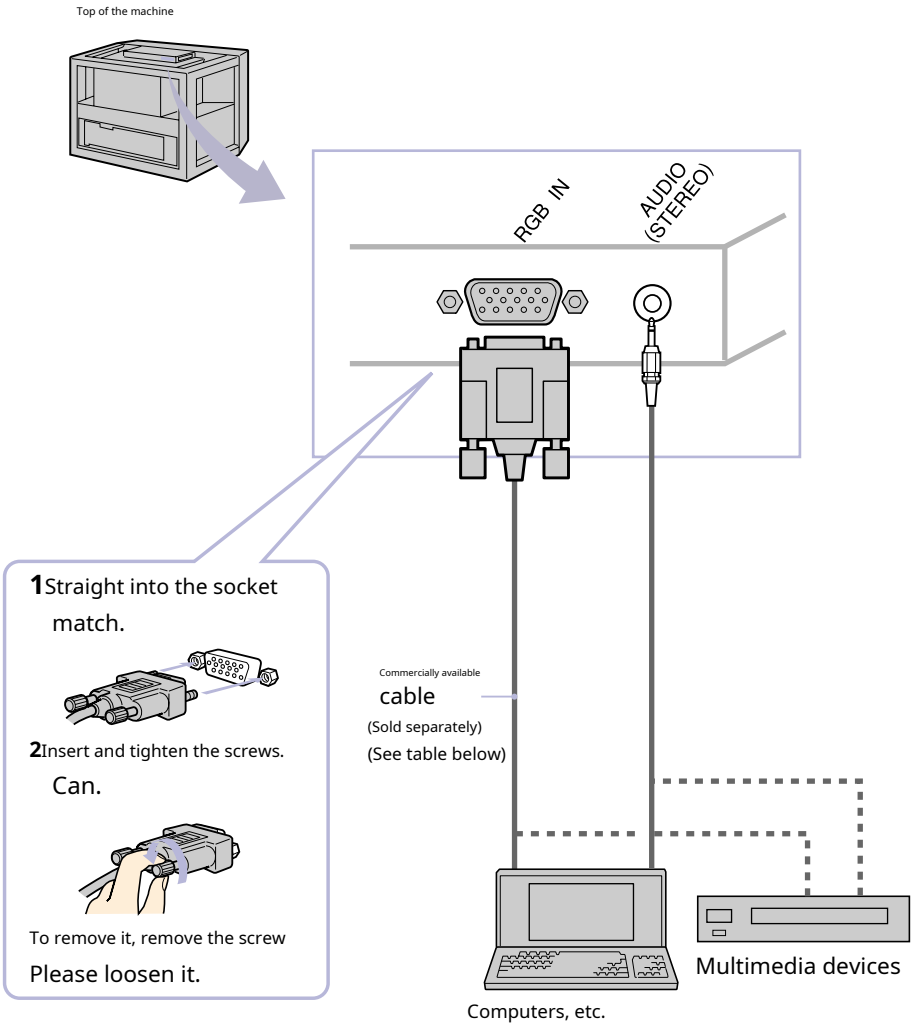
In addition to the above channel switching, you can also use the following buttonsSAT-900TVYou can operate.

Buttons to press on the remote control	SAT-900TVWhat can you do about it?
Satellite Tuner Power Button	You can turn the tuner power on and off.
TV button	You can switch from satellite broadcasting to television broadcasting.
Satellite button or Satellite Tuner Channel Buttons	You can switch from television broadcasting to satellite broadcasting.
Channel +/- buttons and Channel Number Buttons (1~!∞button)	You can switch channels.

Enjoy multimedia and games

To connect a multimedia device

You can enjoy videos on a large screen by connecting a multimedia device such as a computer to this unit.¡32Please see the page.



⚠Note

When connecting a computer,
Be careful not to trip over the cord
Please be careful.
If the computer or the main unit falls,
Doing so may damage the terminals.
vinegar.

Note

This machineRGBInputs are on the top and bottom
of1system2To avoid malfunction,
EitherRGBInput terminal
Please connect the device you want to use.
Sai.21RGBThe signals from the input terminals
can be displayed simultaneously or switched.
It cannot be replaced or exchanged.
yeah.

For terms marked with *, please see the glossary.

please.¡50page

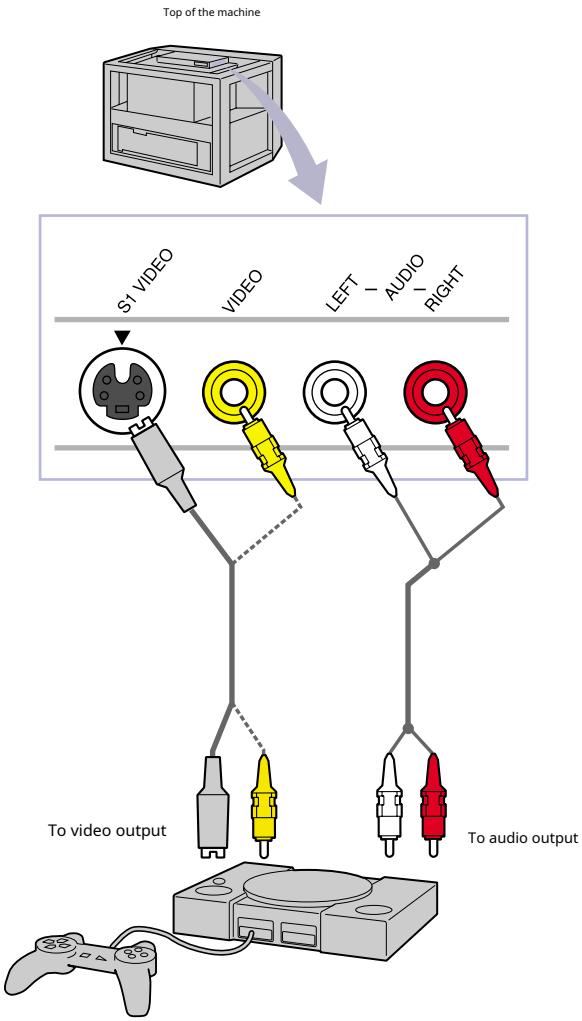
Connection cable

The connection method varies depending on the device you are connecting. For details, refer to the instruction manual of the device you are connecting.

Types of computers, etc.	Connecting Cable
DOS/V*Computer Systems	Commercially available cables (3Columns15pinDSub/3Columns15pinDSub)
Apple Computer	Commercially available cables (3Columns15pinDSub/3Columns15pinDSub) + Commercially availableMacintosh*Conversion adapter for13Inch mode

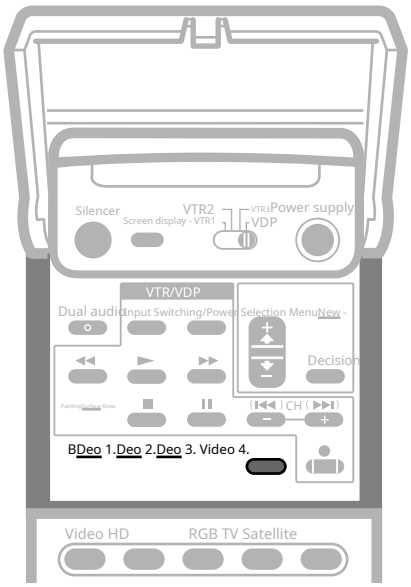
To connect the game

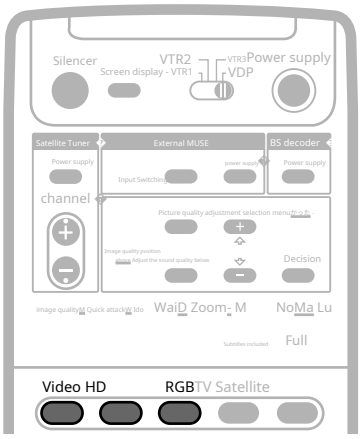
You can connect your gaming device to this unit and enjoy games on a large screen.



Connect the game console to the video1,3,4You can also connect it to the input terminal. If you use a commercially available adapter,RGBYou can also enjoy it by connecting it to the input terminal.
S1Regarding the video terminal¡30page.

Viewing video from a connected device

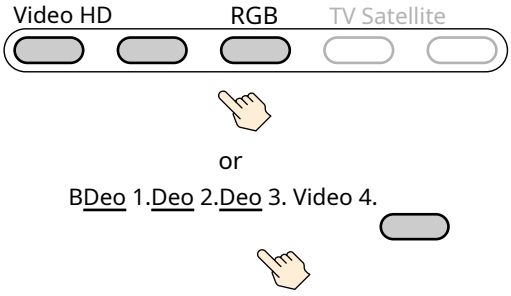




You can switch the input and watch the video from a connected device such as a video player.¡twenty four~33page.

1

Press the button for the input you want to see.



button	Connecting devices
video (video1~4input)	TV tuner,B.S.tuner,B.S.Decoder, DigitalCStuner,MUSE-NTSCConverters, Video, LaserDisc, Games, Teletext Tuners, etc.
HD (HD1,2input)	High-definition (baseband) equipment, high-definitionVTR, MUSEDecoder etc.
RGB	Multimedia devices, computers, games, etc.

You can also do this using the control pad on the front of the unit.¡2~3page.

2

Operate the connected device.

For details, refer to the instruction manual for the video, etc. You can also operate the video, etc. using the unit's remote control.¡twenty twopage.

Note

- B.S.To watch the broadcast B.S.Tuners andB.S.Decoder* is required.¡26page. Also HD broadcasting*See To do this,MUSEDecoder* orMUSE-NTSCCon Barter*is required. ¡26,27page.
- This machineRGBInput is on the top and bottom1system2 To avoid malfunction, EitherRGBInput Terminal Connect devices that are only used by children Please do.21RGBSimultaneously display the signals from the input terminals. Show or switch It is not possible.

To see a better picture

- RGBWhen watching images from a multimedia device connected to the input terminal, set the picture quality mode to "MONITOR"¡18We recommend that you use a different browser page.
- RGBWhen watching the image from a game device connected to the input terminal, set the sharpness to "Off". (¡19 We recommend that you use a different browser page.

For terms marked with *, please see the glossary.

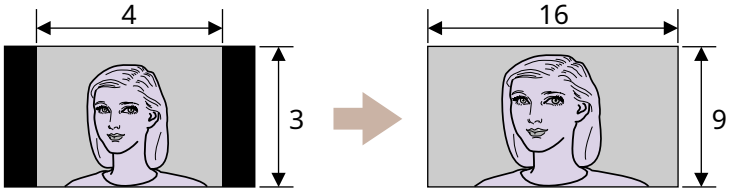
So lame.¡50page

Enjoy the wide screen(Auto Wide)

¡ Auto Wide Setting (¡11page) to "Autowide:2" Video1 ~4When you are watching the input video, the screen is automatically detected and the wide Switches to the most suitable wide screen among Zoom, Zoom, and Subtitles.

Wide Zoom

Auto Wide is set to normal TV broadcasting (4:3
You can set the display method of the image (video) to your preference.4:3It is set to display the image as is ("Auto wide:1") .
Use the menu to set the Auto Wide setting to "Auto Wide:2"'4:3Video: Wide Zoo
If you set it to "wide screen", you will get a wide image like the one below.



4:3Video (tuner connected to this unit
(e.g. regular television broadcasts received via

4:3Video of16:9The image is enlarged to fit the top and bottom of the screen, and any excess parts are compressed to fit within the screen.

zoom

Black Belt Film
(Subtitles are in the video)

Horizontal images as is
Zoom in.

Wide Clear Vision*broadcast

Horizontal images as is16:9
It will expand to fit.

Subtitles included

Black Belt Film
(Subtitles are outside the footage)

Enlarge landscape images as is
And compress the subtitle part
It fits inside the screen.

When using Auto Wide

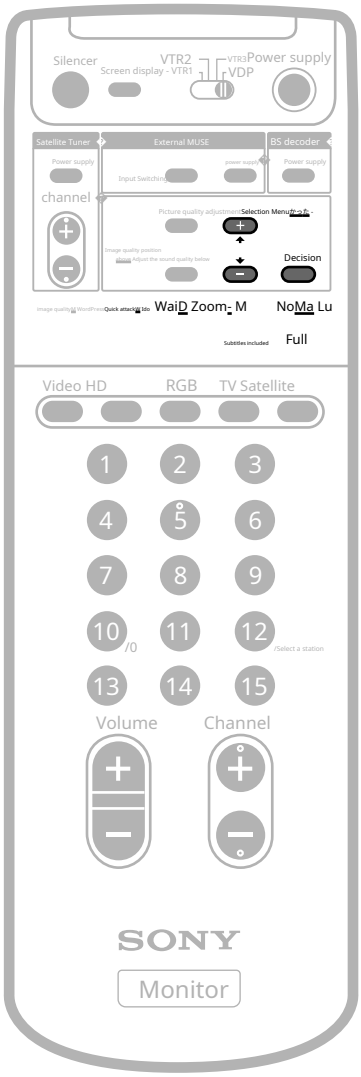
- Wide Clear Vision*Broadcast identification signal,S-1method*(SWhen video input is selected),ID-1method*(S (when video/video input is selected)3t Automatically detects the type of the ID screen.
- Wide Clear Vision*When the broadcast is received, the The screen will switch to the main screen.

Regarding wide screen

- This widescreen monitor is Various screen mode switcher It features Noh. The image ratio of the software may differ from that of the set. The mode to be selected will be And it looks different from the original footage. This point makes a difference in how you think. Please be aware of this when selecting the screen mode. Please choose.
- This widescreen monitor For commercial or public viewing The cafe aims to Display screens in stores, hotels, etc. Use mode switching functions, etc. Compress or stretch the screen If you do so, it will be in violation of the Copyright Act. The copyright of the author is protected by There is a risk of infringing on the interests So please be careful.
- Conventional wide-angle images4:3 Wide zoom mode Use the Display the image on the entire screen of the computer. If you look at it, the surrounding images are Some parts may become invisible or deformed. It seems like the creator's intention. The original footage that we respect Please view in normal mode. Masu.

For terms marked with *, please see the glossary.
So lame.¡50page

To be continued



Manually enjoy wide screen
Then, switch back to Auto Wide.
To
"Autowide:2", Wide zoom, Zoom/Subtitle
Press the ON, NORMAL/FULL button
If you do, the "Auto
D:1", then switch input, turn the power off/on, or use widescreen.
Rear Vision*Broadcast and video
ID-1method*The screen mode will be
The input switching etc.
By doing this, you can turn "Auto wide:2"

To manually switch to wide screen

You can switch between the different screens by pressing the Wide Zoom and Zoom/Subtitle buttons.

rWide Zoom

Wide zoom

Wide zoom button
Press.

rZoom/Subtitles

zoom ◆

Subtitles included

Press the zoom/subtitle button
Masu.
Each time you press the button, the zoom
The subtitles will be replaced.

How to enjoy wide-angle shots quickly

To quickly switch your viewing screen to the optimal wide screen,Quick Wide ButtonPress. The screen will change immediately after pressing.

Quick attack wide

rnormal
(orWide zoom)
rzoom
rSubtitles included

3Among the types
Optimal Wide
It becomes a screen.

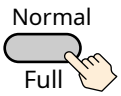
4:3To view the image in wide zoom, press the Wide Zoom button or set the Auto Wide setting to "Auto Wide:2" "4:3Video: Wide Please select "Zoom".¡11page.

4:3(normal TV screen) or horizontally expanded

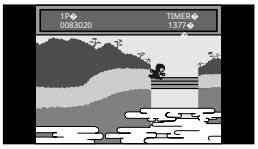
When you want to enjoy the big screen

Pressing the Normal/Full button switches between normal and full. When set to full, you can enjoy video games and other content on a powerful screen.

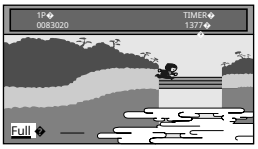
Normal



Full



normal(4:3screen)



Full (stretched left and right was done16:9screen)

To fix the screen mode

1 Press the menu button.

2 Press the SELECT +/- button
Select "Screen Mode" and confirm
Press the button.

3 Press the SELECT +/- button
Select "Auto Wide Setting"
Press the decision button.

4 Press the SELECT +/- button
Select "Off" and press the OK button.
push.

5 Press the menu button.
In this case, input switching, power
Even if you turn the power off/on, the screen mode
The button remains fixed.
vinegar.

The above steps1~5To operate the unit, use the control pad on the front
You can also do it using

For terms marked with *, please see the glossary.
please.¡50page

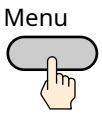
To change the auto wide setting

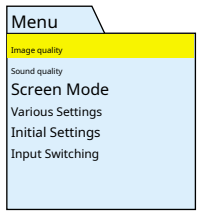
At the time of purchase, the auto wide setting is set to "Auto Wide:1" It is a wide clear vision.*Broadcast identification signal,S-1method*(S When video input is selected ,ID-1method*(SVideo/Video (when inputting)3The device automatically detects one of the two formats and displays the wide screen.

The above3If you want to watch in Auto Wide, follow the procedure below to change the setting.

1

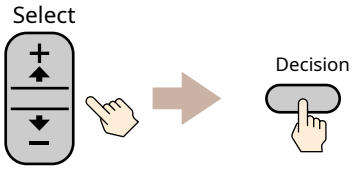
Press the menu button.

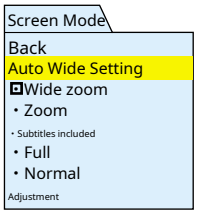




2

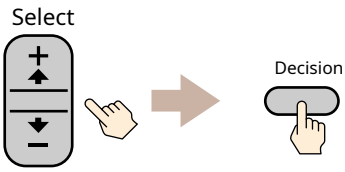
Press the SELECT +/- button to select "Screen Mode"
Select and press the decision button.





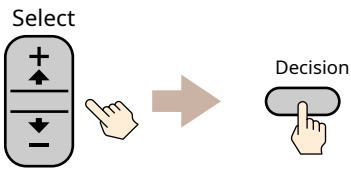
3

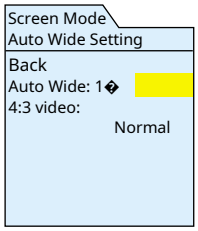
Press the SELECT +/- button to select "Auto Wide
Select "Settings" and press the OK button.



4

Press the SELECT +/- button to select "Auto
Select "MODE" and press the decision button.

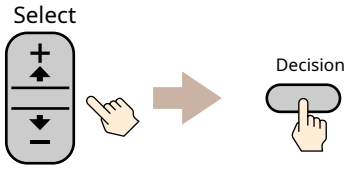




To be continued

Auto Wide setting is in front of the camera.
Use the control pad on the
You can also do this.

5 Press the SELECT +/- button to select "2" and press the decision button.



6 Press the SELECT +/- button to select "4:3Select “Video” and press the decision button.

7 Press the SELECT +/- button to select "Normal". or "Wide Zoom," then press the ENTER button.

8 Press the Menu button to close the menu.

Auto Wide Setting

Menu Settings		How to display the input video signal	
"Auto Wide "	"4:3picture"	Wide Clear Vision*, ID-1method·,S1method·Equipped with various identification signals such as picture	The various identification signals listed on the left No footage
"1"	-	Screen according to identification signal Switching display modes I will.	Any screen mode (At the time of purchase, it was normal It is displayed in (.
"2"	"normal"	Screen according to identification signal Switching display modes I will.	• 4:3The image is normal will be displayed. • Images with black bars Zoom or add subtitles will be displayed.
	"Wide zoom"	Screen according to identification signal Switching display modes I will.	• 4:3The image is wide Show with zoom. • Images with black bars Zoom or add subtitles will be displayed.
"Cut"	-	Any screen mode (purchased When the switch is turned up, it is displayed as normal. I will.	Any screen mode (At the time of purchase, it was normal It is displayed in (.

If you select "Auto Wide: Off", all images will be displayed in the desired screen mode (normal at the time of purchase).

Adjusting the screen

This unit supports various media.

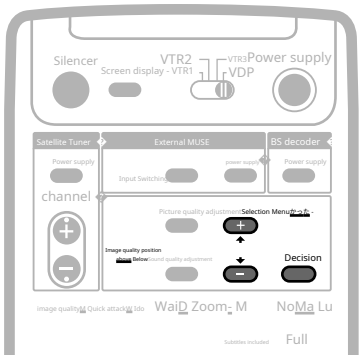
Surface adjustments can now be made across many items

It has become like this.

You can adjust the currently input signal.

The frequency of the input signal and each screen mode (zoom, flash

You can set the image quality for each image type (wide, normal, wide zoom, with subtitles).



Video HD RGB TV Satellite

Input signal water Average Frequency	Adjustable image Face Mode
NTSC 15. 75kHz	Zoom, Full, normal Wide zoom, Subtitles included
VGA*1 Wide Clear vision Full specs 31.5kHz	Zoom, Full ,normal
High Definition 33.75kHz	Zoom, Full
Macintosh * 2 13Inchkara - 35kHz	Zoom, Full ,normal

*1VGAis United StatesIBMis a registered trademark of the company.

*2Macintoshis a registered trademark of Apple Computer, Inc.

Adjust the screen position up or down for

(Adjusted only when using wide zoom, zoom, or subtitles) can.)

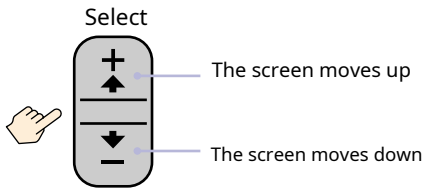
In the following cases, move the screen up and down please.

- Wide zoom screenThe top or bottom of the screen is missing When you can.
- Zoom ScreenI want to position the screen so it's easy to see. When.
- Even with subtitles onThe subtitles don't fit on the screen When there isn't.

1 Press the screen position up/down button.

2 Press the SELECT +/- button to change the screen position.

Adjust the position.



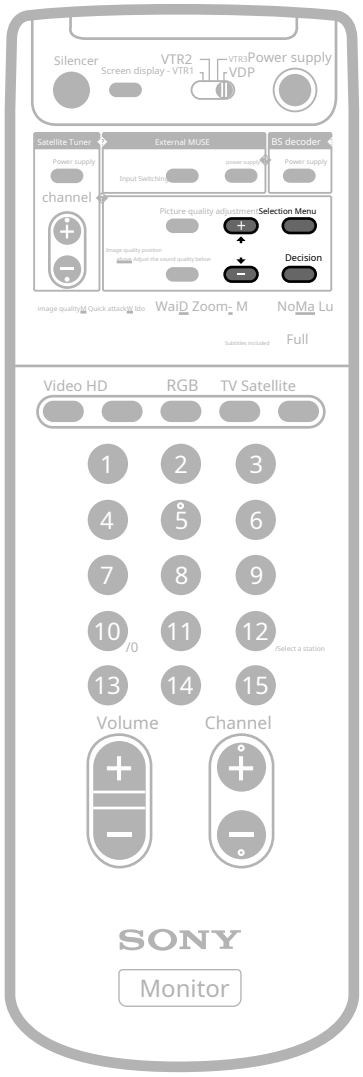
3 Press the screen position up/down button to Turn off the news.

The screen position can be adjusted by using the control pad on the front of the unit.

You can also use it to adjust it in the menu.

For terms marked with an asterisk, please refer to the glossary.¡50page

To be continued

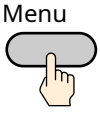


Stretch the image vertically
To shrink

(Adjusted only when using wide zoom, zoom, or subtitles)

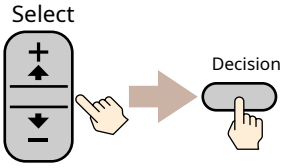
can.)

1 Press the menu button.



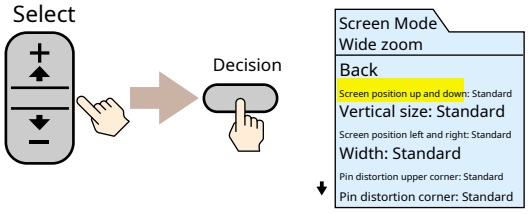
2 Press the SELECT +/- button"Screen Mode

Select "MODE" and press the decision button.



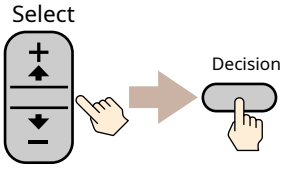
3 Press the SELECT +/- button to select "Adjustment"

Select it and press the decision button.



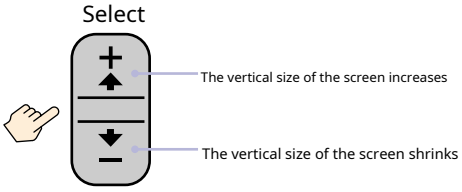
4 Press the SELECT +/- button to select "Vertical Size"

Select "Menu" and press the decision button.



5 Press SELECT +/- button to adjust and confirm

Press the setting button.



6 Press the Menu button to open the menu.

erase.

To adjust the vertical size, use the control panel on the front of the unit.

You can also do this using the

Adjust screen position left and right for

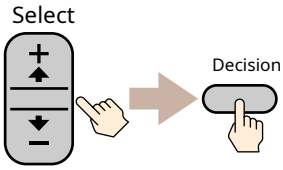
(HD1,2input,RGBCan only be adjusted during input.)

1 Press the menu button.

Menu

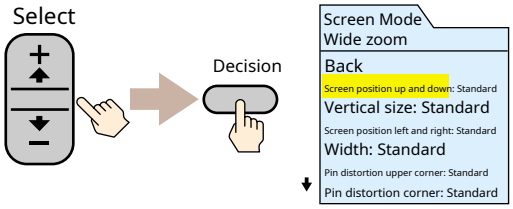
2 Press the SELECT +/- button"Screen Mode

Select "MODE" and press the decision button.



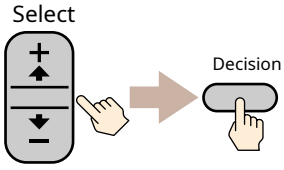
3 Press the SELECT +/- button to select "Adjustment"

Select it and press the decision button.



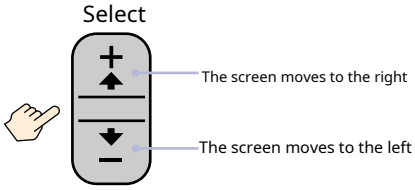
4 Press the SELECT +/- button to select "Screen Position

Select "Left/Right" and press the OK button.



5 Press SELECT +/- button to adjust and confirm

Press the setting button.



6 Press the Menu button to open the menu.

erase.

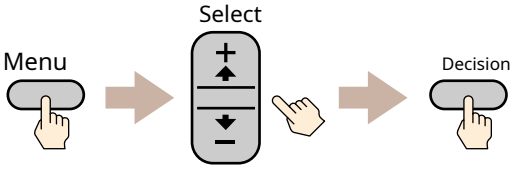
To adjust the screen position, use the control panel on the front of the unit.

You can also do this using the

Stretch the image horizontally To shrink

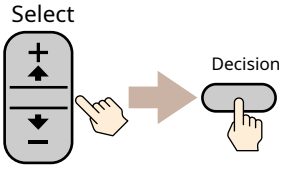
(HD1,2input,RGBCan only be adjusted during input.)

1 Left Step1~3Do the following.



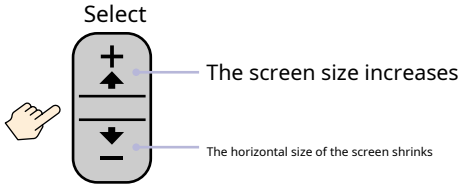
2 Press the SELECT +/- button to select "Horizontal

Select "Menu" and press the decision button.



3 Press the SELECT +/- button to adjust

Press the decision button.



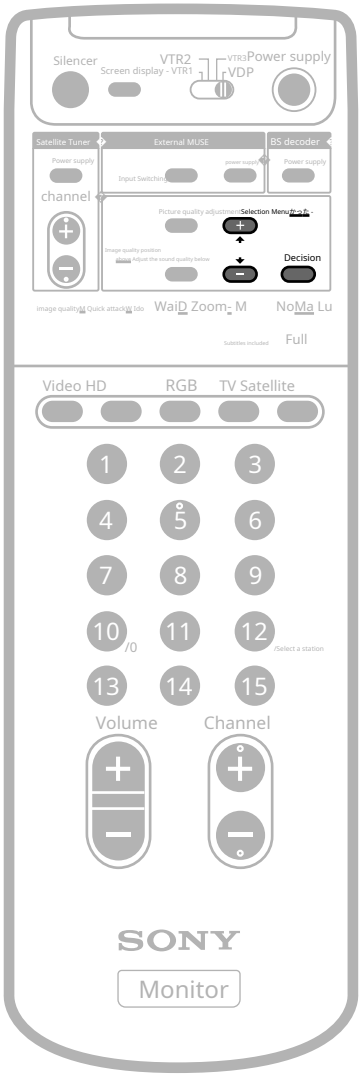
4 Press the Menu button to open the menu.

erase.

To adjust the width, use the control panel on the front of the unit.

You can also do this using the

To be continued



The adjustment items on this page can be adjusted using the controller on the front of the unit.

You can also do this using the ruby pad.

To adjust screen distortion

Adjust pincushion, keystone, and vertical line distortion

The image for adjustment can be obtained from a commercially available laser.

Test discs and test signals such as user discs

Please use a signal generating device.

To correct pincushion distortion

1 Press the menu button.

2 Press SELECT +/- to select “SCREEN MODE” then press ENTER.

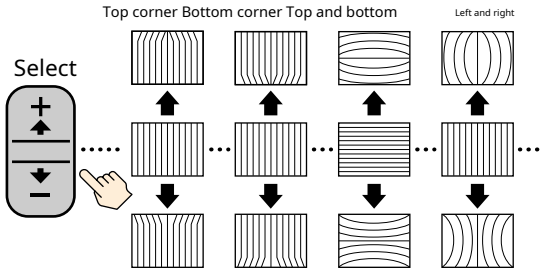
3 Press the SELECT +/- button to select “ADJUST”, then press the ENTER button.

4 Press the SELECT +/- button to select "Pin Distortion Upper Cord" Gah.", "Pin Distortion Lower Corner", "Pin Distortion Up and Down"

Select either "Pin Distortion Left/Right" or "Pin Distortion Left/Right" and press the decision button.

5 Press the SELECT +/- button to adjust and then press the ENTER button.

Press the



6 Press the Menu button to close the menu.

To correct keystone distortion

1 Press the menu button.

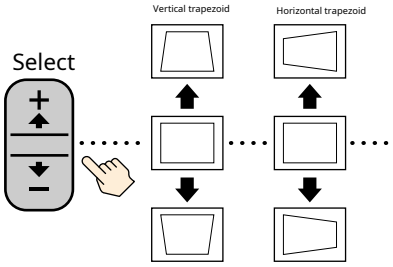
2 Press the SELECT +/- button to select "Screen Mode". and press the decision button.

3 Press the SELECT +/- button to select “ADJUST”, then press the ENTER button.

4 Press the SELECT +/- button to select "Vertical Trapezoid" or Select "Horizontal Trapezoid" and press the OK button. Press the SELECT

5 +/- buttons to adjust the size and then press the OK button.

Press the



6 Press the Menu button to close the menu.

To correct vertical line distortion

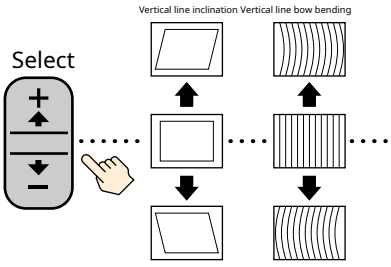
1 Press the menu button.

2 Press the SELECT +/- button to select "Screen Mode". and press the decision button.

3 Press the SELECT +/- button to select “ADJUST”, then press the ENTER button.

4 Press the SELECT +/- button to select "Vertical Line Slant" or Select "Vertical Line Bow" and press the OK

5 button. Press the SELECT +/- buttons to adjust.



6 Press the Menu button to close the menu.

To adjust the color misalignment

1 Press the menu button.

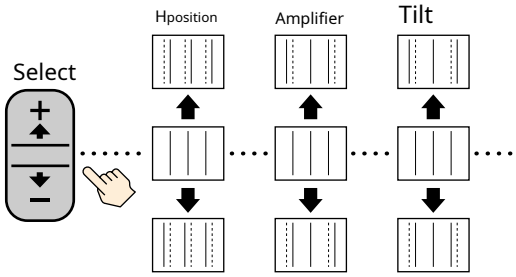
2 Press the SELECT +/- button to select "Screen Mode". and press the decision button.

3 Press the SELECT +/- button to select “ADJUST”, then press the ENTER button.

4 Press the SELECT +/- button to select "Convert H"Position", "Conver Amp", "Convert Tilt" Select one and press the decision button.

5 Press the SELECT +/- button to adjust and then press the ENTER button.

Press the



6 Press the Menu button to close the menu.

Adjust all the screen mode settings.

To return to the standard

1 Press the menu button.

2 Press the SELECT +/- button to select "Screen Mode". and press the decision button.

3 Press the SELECT +/- button to select “ADJUST”, then press the ENTER button.

4 Press the SELECT +/- button to select “STANDARD” then press the ENTER button.

Adjust the screen mode of the currently input signal

All items will return to the factory settings.

vinegar.

5 Press the Menu button to close the menu.

Adjusting the picture quality

Depending on the brightness of the room and the program,3Types of paintings

You can choose the quality mode.

There are several image quality adjustments available

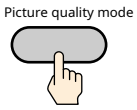
The picture quality can be adjusted by adjusting the input terminal (video1~4input,HD1,2input,

RGBinput)3You can set different picture quality modes for each.¡45page

Adjust the image to suit the lighting in the room.

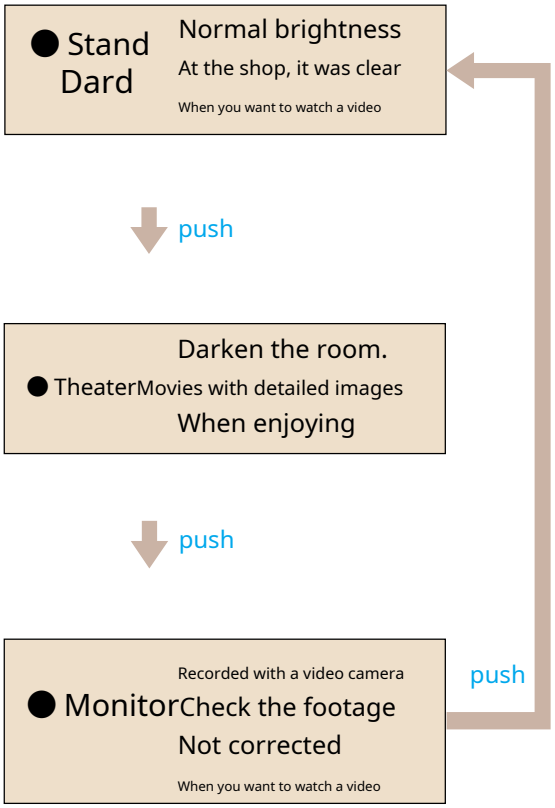
Select a quality mode

Press the picture mode button.



Each time you press the button, the picture quality mode changes in the following order:

I will.



To change the picture quality mode, use the control pad on the front of the unit.

You can also use it to select from the menu.

Adjust the picture quality to your liking

Picture quality mode (Standard, Theater, Monitor

The image quality of the input terminal (video1~4input, HD1,2input,RGBYou can adjust and memorize the settings for each input (audio, video, or audio input) to suit your preferences.

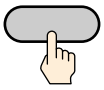
¡45Press the Picture Mode button to select the picture quality mode (Standard, Theater, Monitor).

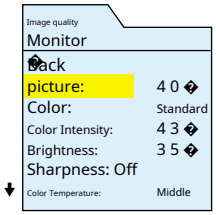
When you select the input terminal,
You can see it in quality.

1

Press the picture quality adjustment button.

Picture quality adjustment



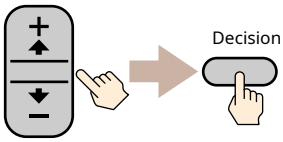


2

Press the SELECT +/- button to adjust

Select an item and press the decision button.

Select



4

Press the SELECT +/- button to adjust

Press the decision button.

Adjustment items	Use the SELECT +/- buttons to adjust
picture	minimum,1~99, adjust between max.
Color	G(green) maximum,G49~Standard~ R49,R(Red) Adjust between maximum
Color Intensity	minimum,1~99, adjust between max.
Brightness	minimum,1~99, adjust between max.
Sharpness	Cut,1~99, adjust between max.
Color Temperature	"High,"Medium", "Low"
Noise Reduction NR	Choose from "Strong," "Medium," "Weak," or "Off" to reduce graininess.
Velocity Modulation VM	Select from "Strong", "Medium", "Weak" or "Off" (Speed modulation) Emphasizes contours.
Hyper HWhite "In"	Select either "OFF" or "ON". Enhances the clarity of whites.
dynamic DPicture	Choose from "Strong", "Medium", "Weak" or "Off" Enhances contrast.
Color Correction	"J" "U", Choose from "Off" Pick a skin tone shade. "J" is for Japan, "U" is America It reproduces skin tones suitable for people with disabilities. (HD1,HD2,RGBWhen inputting Cannot be selected.)
Gamma Correction	Cut, -7~Standard~+7Adjust the balance between the light and dark areas of the image. I will.
DCcorrection	"Off",1",2",3" Adjust the black reproduction level.
standard	Return to the default settings

5

Press the picture quality adjustment button to open the menu.

erase.

To adjust the image quality, use the control pad on the front of the unit.

You can also do it using

Adjusting the sound quality

Select the input terminal (video) according to your preference.1~4input,HD1,2input,RGBYou can adjust and memorize the settings for each input.¡45page

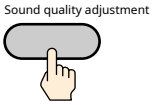
To adjust the sound quality, use the control pad on the front of the unit.

You can also do it using

For terms marked with *, please refer to the glossary.¡50page

1

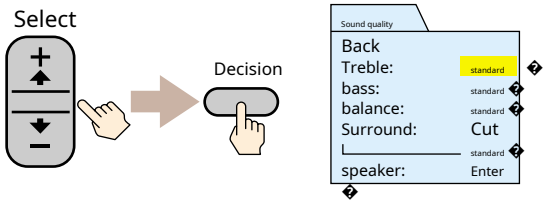
Press the sound adjustment button.



2

Press the SELECT +/- button to adjust

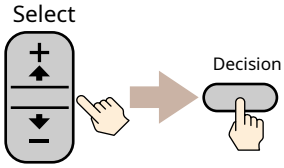
Select an item and press the decision button.



3

Press the SELECT +/- button to adjust

Press the decision button.



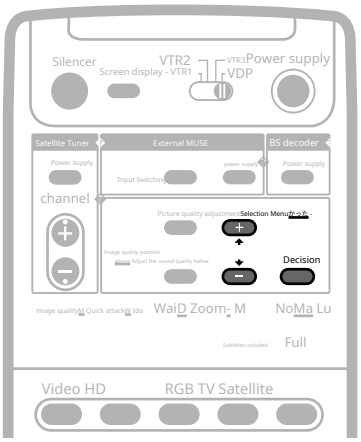
Adjustment items	Press the SELECT +/- button
Treble	Minimum, -9~Standard~+9Adjust between , max.
bass	Minimum, -9~Standard~+9Adjust between , max.
balance	L(Left) Maximum,L49～Center～R49,R(Right) Adjust between maximum and minimum
Surround*	"1", "2" "3", Either "Off" Choose 1: Hall surround1 For music programs, etc. 2: Hall surround2 Movie programs, etc. 3: Simulated stereo Adds width to mono audio You can.
standard	Return to the default settings

For information on "Speaker: On/Off"¡33page.

4

Press the Menu button to open the menu.

erase.



Displaying the time

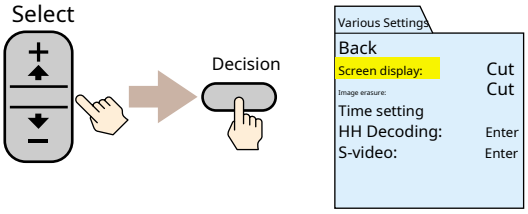
Daytime12Time0:00PM, Night12Time0:00AMand table will be displayed.

1 Press the menu button.

Menu

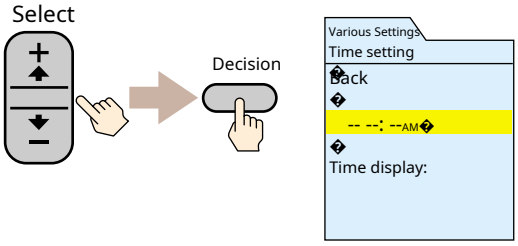
2 Press the SELECT +/- button to select "Various Settings

Select "Settings" and press the decision button.

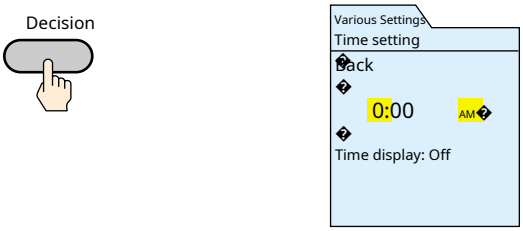


3 Press the SELECT +/- button to select "Time Setting

Select "Settings" and press the decision button.



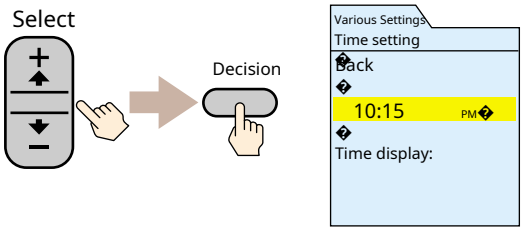
4 "--:--AMMake sure " is selected and press the decision button.



5 Set the time.

timenSet the minutes in the order of minutes. Press the SELECT +/- button to change the number, then press the ENTER button.

to set the time.

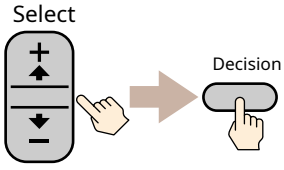


6 Press the SELECT +/- button to select "Timetable

Select "Display" and press the OK button.

Press the +/- button to select "On",

Press the decision button.



7 Press the Menu button to close the menu.

The time will be displayed.

This machineACWhen you unplug the cord, the set time will be --: --AMThe display will return to and the time will no longer be displayed.

To set/display the time, use the control on the front of the unit.

You can also do this using a pad.

Controlling videos, etc. with the unit's remote control

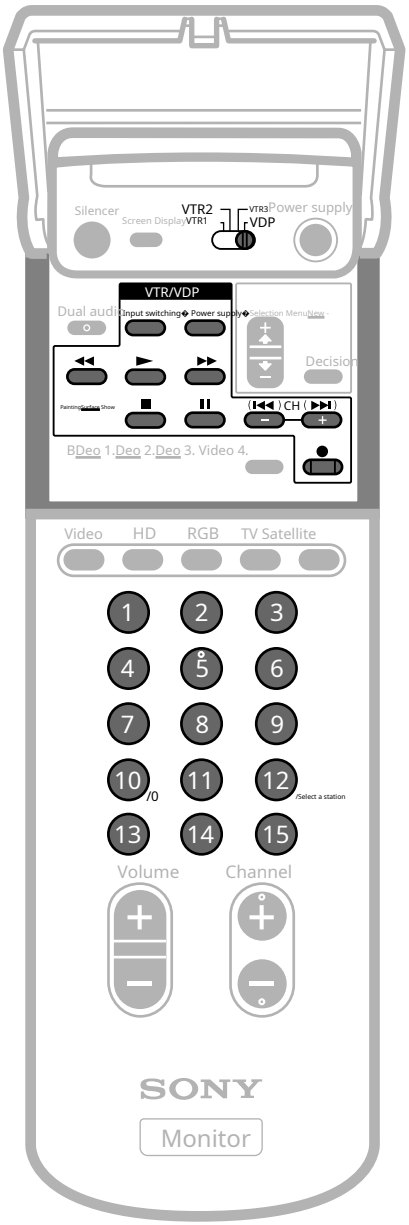
You can use the unit's remote control to control Sony video and video equipment.

You can operate the audio disc player.

It can also operate video equipment from other manufacturers.

Please refer to the "Manufacturer Registration Number" on the right page.

Please refer to the table in the “Number” section.



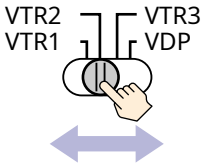
Controlling Sony video equipment

To create

Switch the remote control mode to your device When there is no switch

Adjust the switch on the remote control of this unit to match the device.

Move the switch.



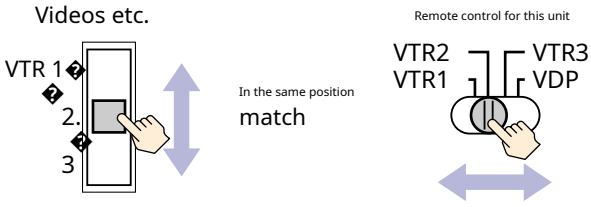
Your device	Switch Location
beta,EDbeta	VTR1
8Milli,Hi-8	VTR2
VHS,S-VHS	VTR3
Video Disc Player MDP(Multi-disc player)	VDP

Switch the remote control mode to your device When there is a switch

The same position as the selector switch on the remote control of this unit

Match it.

2When operating more than one device, placing them in different positions will help prevent malfunctions.



Note

If the device is set up to operate other manufacturers' devices, it will not be able to operate Sony devices.¡twenty threepage.

Videos from other manufacturers

To operate

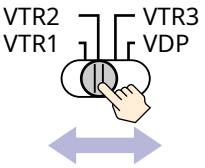
1 Select the switch position.

The video isVTR1~3" and video disc players are "VDPPlease adjust it to stomach.

If you have multiple devices, connect them to the other devices.

Please choose a different location.

For example, Sony8If you have a millimeter VCRVTR2Is being used in,VTR1orVTR3Please change it to.

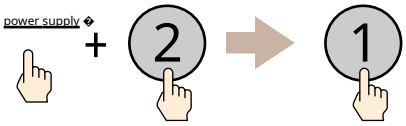


2 VTR/VDPWhile pressing the power button, use the channel number buttons to operate.

Press the registration number of the manufacturer of the device you want to use.

vinegar.

Example: Toshiba video



Note

- The factory settings are set to operate Sony devices.

- Make sure to press the number buttons consecutively without any pause.
- If your manufacturer has several registration numbers, please set them in order until your device works.
- Remote control battery5If you remove the battery for more than 15 minutes or if the battery reaches the end of its service life, the settings will be cleared and the settings will revert to the factory settings. In this case, please reset the settings.
- Some devices from other manufacturers may not be able to be operated even if they are set up.
  Furthermore, if the remote control buttons do not have corresponding functions, they cannot be operated.

Manufacturer's registration number

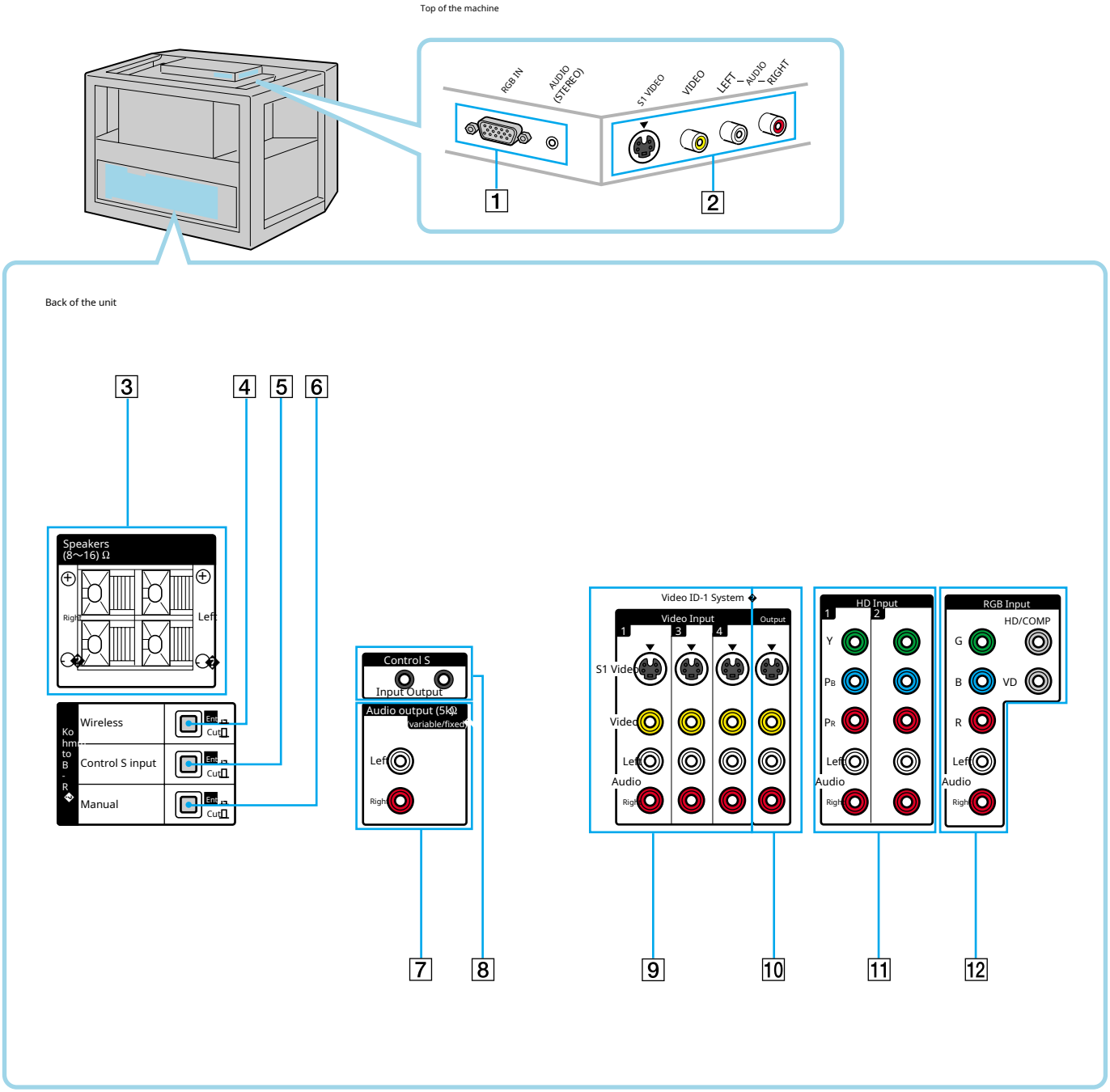
video	Registration number
SonyVTR1 VTR2 VTR3	1and1 1and2 1and3
Matsushita	1and4,1and5,1and6,1and7
Victor	1and8,1and9,1and10
Hitachi	1and11,1and12
Toshiba	2and1,2and2
sharp	2and3,2and4,2and5
Sanyo	2and6,2and7
Mitsubishi	2and8,2and9
NEC	2and10

Video Disc Player	Registration number
Sony (MDP1) (MDP2)	3and1 3and6
Pioneer,A&D	3and2
Yamaha	3and3
Matsushita	3and4,3and5,3and6

What can be operated with the remote control

Control your equipment	Remote control buttons
Turning the power on	VTR/VDPPower button
Play	(button
Stop playback etc.	pbutton
Fast forward (video only)	) button
Rewind (video only)	0button
To pause (pause)	Pbutton
Fast forward while viewing the image	Press the button during playback
Rewind while viewing the image R	During playback0Press the button
Record (video only)	rbutton
Switching channels (Video only)	=-/++ buttons
Chapter introduction (Video Disc Player) (Layer only)	=-/++ buttons
Switching inputs	Input switch button

Connection terminals



¡For more detailed information, please see the page.

1RGBinput(RGB IN/AUDIO) Terminal¡6page
Multimedia and gaming devicesRGBConnect to the output:Types of multimedia devices that can be connected" ¡32Please check the signal type on the page. Audio is input via a stereo mini jack.2Channel input.

RGBInput is on the top1And the back!™of1system2 To avoid malfunction, set only one of them. RGBConnect only the equipment you are using to the input terminals.21RGBSignals from the input terminals cannot be displayed simultaneously or switched.

2video2input(S1 VIDEO/VIDEO/AUDIO)end child¡7page
Connect games, video camera recorders, etc.

3Speaker Output
Connect speakers (sold separately).

4control wireless switch¡28page
Normally, this should be set to "On".

When "entered"
The remote control receiver on this unit receives signals from the unit's remote control.

When "off"
You will no longer be able to operate this unit using the unit's remote control.

5controlSInput Switch¡28page
Normally, this should be set to "On".

When "entered"
Machine ControlsSWhen you connect another Sony device to the input terminal, you can operate this unit by pointing the remote control of that device at the remote control receiver of that device. For details, refer to the operating instructions of the connected device.

When "off"
Machine ControlsSIf you connect another Sony device to the input terminal and point its remote control at the remote control sensor of the device, you will not be able to operate this unit. For details, refer to the operating instructions of the connected device.

6Control Manual Switch¡28page
Normally, this should be set to "On".

When "entered"
The operation keys on the front of the monitor will work.

When "off"
All operation keys except the power switch will be disabled.

7Audio output (variable/fixed) terminal¡33page
Connects to audio equipment, etc. If you set "Audio Output" to "Variable" in the menu, you can adjust the volume on the monitor.

8controlSInput/Output Terminals¡28page

Input terminal
Controlling other Sony devicesSWhen connected to the output terminal, you can operate this unit by pointing the unit's remote control at the remote control sensor of the device. (ConterollSTurn the input switch to "ON.") For details, refer to the instruction manual of the connected device.

Output terminal
Controlling other Sony devicesSWhen connected to the input terminal, you can operate other Sony devices by pointing their remote controls at the remote control receiver on this unit. VT-5XRFor Sony tuners such as the above, the tuner's power can be turned on/off in conjunction with the TV power button on the unit's remote control.

Note
Sony tunerSAT-900TVThe power supply of the satellite tuner of the remote control of this unit is not linked to the power supply of this unit.
Press the power button toSAT-900TVYou can turn the power on/off.¡5page

9video1,3,4input(S1Video*/Video/Audio) terminal ¡26~28,30,31page
TVTuner andB.S.Tuner, digitalCSConnect a tuner or video device (such as a video deck or multi-disc player).
If you are connecting a tuner, you must set the tuner type.¡35page

S1picture*
SThe video signal contains a wide mode identification signal.S1Recording/playback is possible only with a video deck that supports video. Video output is not supported.

ID-1*
The video signal contains a wide mode identification signal.SThis is effective for both the video terminal and the video (composite) terminal. Recording/playback can be done with a normal video deck.

!ºVideo output (ID-1*) (S1Video*/Video/Audio) terminal ¡31page
Connect a video deck to this jack for recording video and audio.

Note
Outputs the video/audio signals displayed on this unit. but,HD,RGBThe signal is not output.

!¡HD1,2Input terminal¡26,27,31page

Video input terminal
Y,PB,PRConnect to the video output terminal of a high definition device.

Audio input terminal
Connect to the audio output terminal of a high-definition device.

!™RGBinput(RGB/audio/HD/COMP/VD) Terminal
Multimedia and gaming devicesRGBConnect to the output of the "Types of multimedia devices that can be connected" ¡32Check the page to see what type of signal it has.

Vertical, horizontal/composite sync signals can be connected.

Terms marked with * are in the glossary¡50Please visit the page.

Connecting a TV/Satellite Broadcast Device

TVTuner andB.S.Tuner, digital

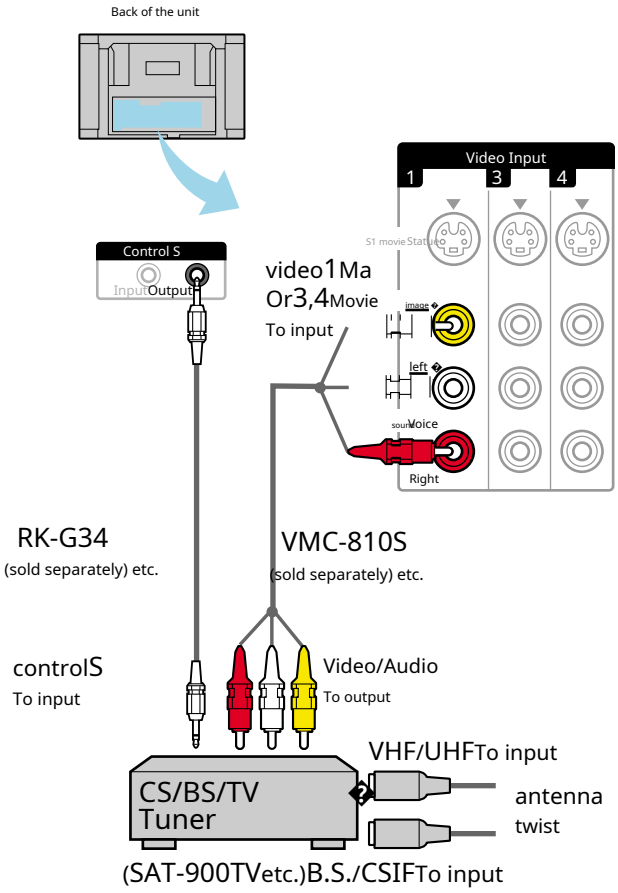
CSConnect the tuner to watch TV broadcasts and satellite Star Broadcasting, DigitalCSYou can watch the broadcast.

For the tunerTV,B.S.A single item,TV/B.S.There are some integrated types.

How to connect the antenna and each tuner

Be sure to also read the instruction manual.

tuner*



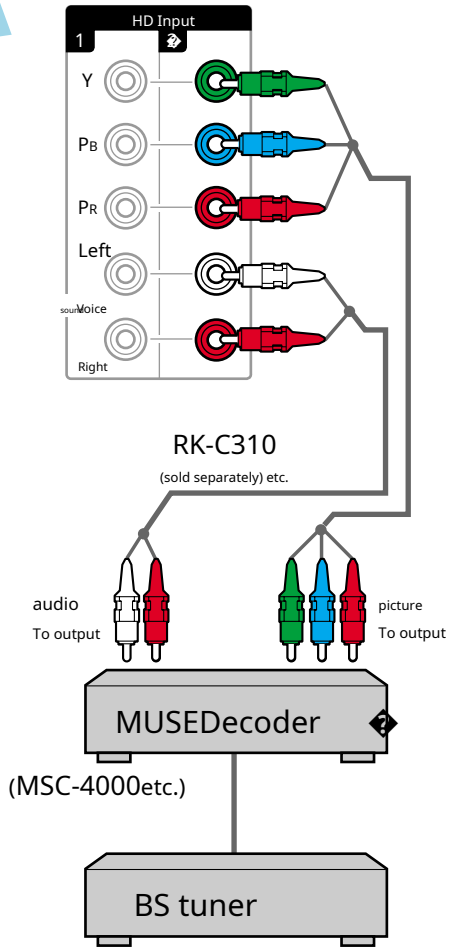
You can operate a Sony tuner with the remote control of this unit. Change the tuner settings according to the tuner you connect.¡35page.

JSBDecoder (WOWOW/St. GIGA)orCSRelease Transmit Decoder*Connect to the decoder input of the tuner.

MUSEDecoder* (Hi-Vi John)

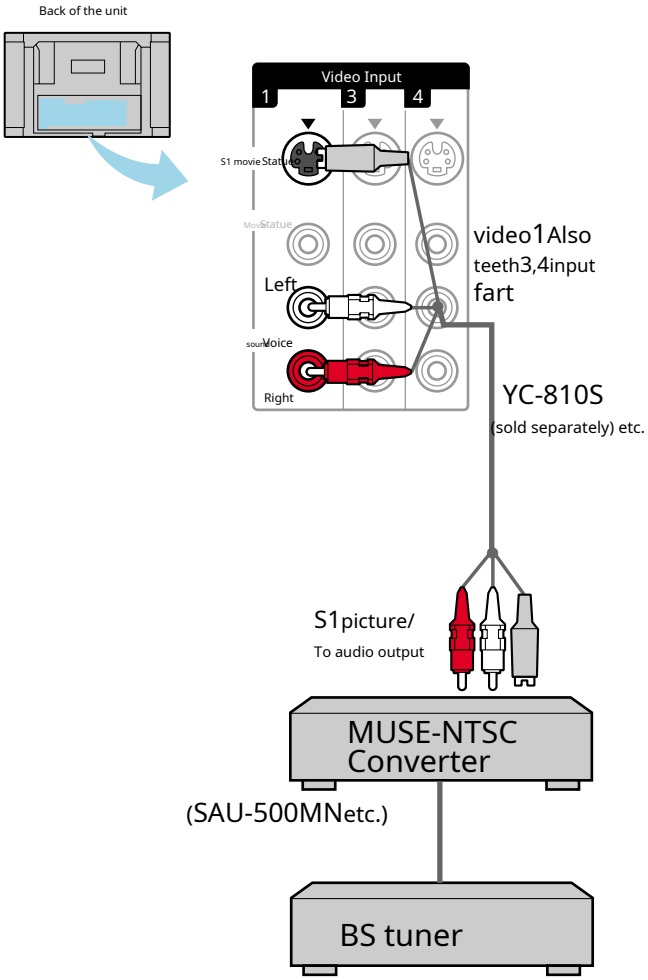
High-definition broadcast scanning line1125

Horizontal scanning frequency33.75 kHzYou can see the full specs here.



MUSE-NTSCconverter*

High-definition broadcastingNTSCYou can convert it to the standard format and view it.



For terms marked with *, please refer to the glossary.¡50page

Connecting multiple monitors

Back of the unit

monitor1

Video ID-1 System

Video Input

Output

1

3

4

Control S

Input Output

video1or
3,4To input

VMC-810S
(sold separately) etc.

Video/Audio
To input

RK-G34
(sold separately) etc.

VMC-810S
(sold separately) etc.

controlS
To input

Monitor 2

control
STo input

Video/Audio
To output

Control S/
Tuner with output terminal

control
STo output

(SAT-900TVetc.)

control
STo output

Video/Audio
To output

control
STo input

Video/Audio
To input

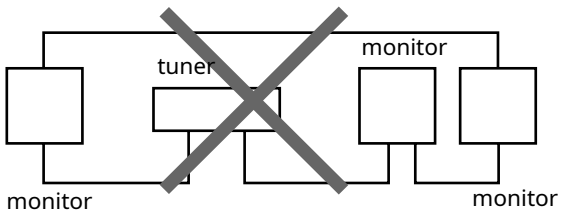
Monitor 3

Tuner1Video on the second monitor1or 3,4Connect to the input terminal and control the tunerSMonitor control on input terminal SConnect the output.2For the second and subsequent monitors, the controlSSet the input switch to "ON" and the control wireless switch to "OFF".

vinegar.¡twenty fivepage

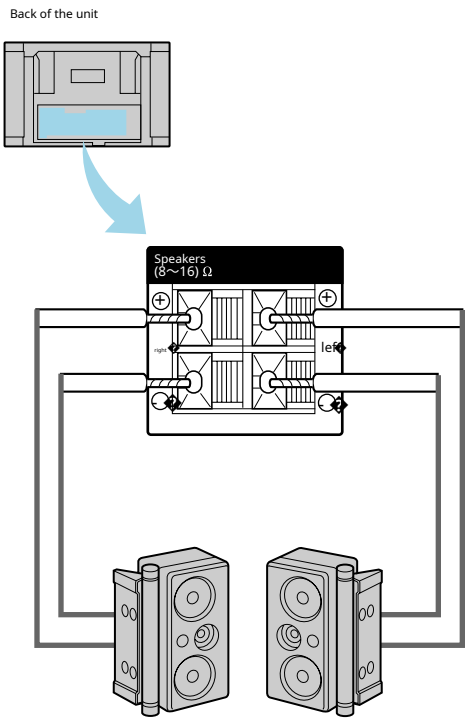
Note

If you make the following connections, the control signals will be mixed and normal operation will be impossible.



- If you connect as shown in the diagram above, you can monitor the remote control of the included or other devices.1You can control multiple monitors by simply pointing it at the
- The central monitor to which the remote control is pointed (in the above image, the monitor1) ControlSThe output must be the control of a tuner or other video source.SConnect it to the input.
- If the monitor is not turned on, nothing will be output from the video output.
- monitor2,3When not controlling the monitor2,3 Wireless ControlSTurn off all input and manual switches.

Connecting speakers



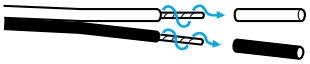
Speaker (right)　　Speaker (left)

Speaker types

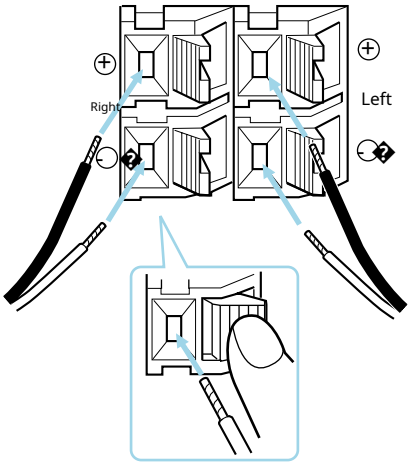
- Impedance8~16ΩPlease use the one listed above.
- If you use speakers that are not magnetically shielded and place them close to the monitor, color unevenness may occur due to the effects of magnetism. In this case, move the speakers away from the monitor. If color unevenness remains, degauss the monitor.¡38page

How to connect the speaker cord

1 The tip of the code (15Cut off about 1/4 inch (3 mm) of the insulation and twist the core wires.



2 While pressing the lever of the speaker output terminal, Insert the code.

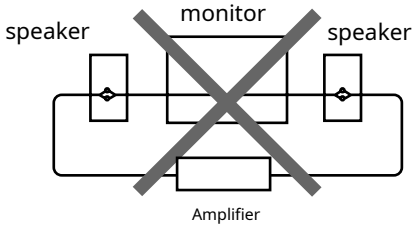


Cord and terminal
Left and right and +/-
Don't make a mistake
Please
stomach.

3 Gently tug on the cord to check the connection.

Note

- Be careful not to let the core wire protrude and short out the speaker terminals.
- Do not connect one pair of speakers to both your amplifier and monitor, as this may cause excessive current to flow from the amplifier through the speaker cords, resulting in damage to the monitor.



- If you move the speakers after turning on the power, uneven color may appear on the screen. If this occurs, degauss the monitor.¡38 page

Connecting videos, etc.

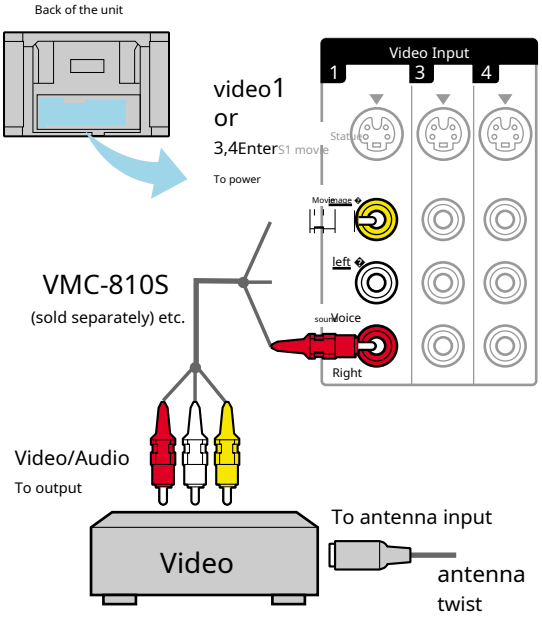
The connection method depends on the purpose of the video deck.

The connections are different. Choose the connection method that best suits your purpose.

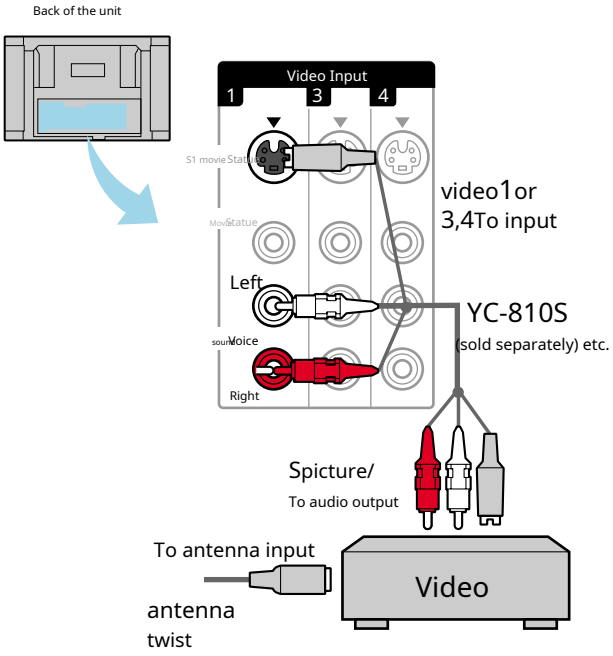
Please choose.

Basic Connection

SA video deck without a video terminal



SVideo deck with video terminal



S1How to use the video* terminal and the video terminal

Depending on the device you connect,S1For some devices, it is better to connect one video terminal to the other, while for others it is better to connect one video terminal to the other. Refer to the table below to enjoy the best picture quality.

Connecting devices	Recommended terminals
TVtuner B.S.tuner	picture
digitalCStuner	S1picture
Laser Disc Player*1	picture
Video deck*2 Camcorder playback	S1picture
Video camera through	S1picture
MUSE-NTSCconverter*3	S1picture
Game consoles	S1picture

*1 Three-dimensionalY/CIsolation Circuit·For LaserDisc players equipped with a digital player, there is almost no difference in picture quality due to the difference in connection. Do not use digital as the playback mode, but play in normal mode.

*2 TBC(Time Base Collector) Built-in VCR
NTSCIn principle, even if standardized signals are possibleS1A video terminal is recommended.

*3 MUSE-NTSCBuilt-in converterB.S.In the case of a tuner,MUSE When watching the broadcast,S1Video terminals and otherB.S.We recommend using the video terminal when watching broadcasts.

• SIf your device does not have a video terminal, use the video terminal.

S1Video/Video Switching

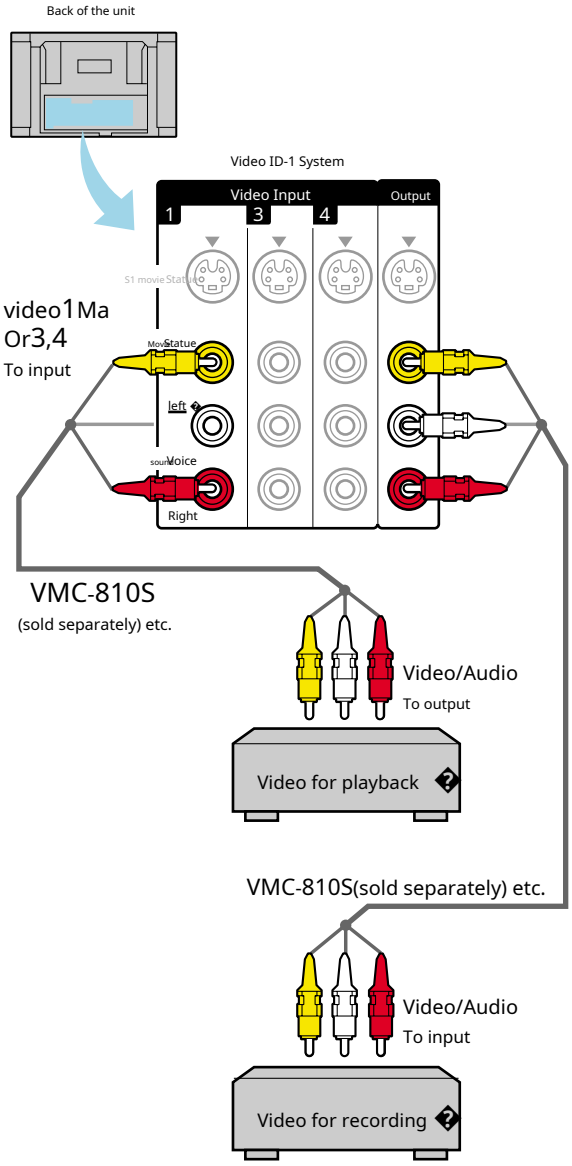
S1If you connect the video terminal and the video terminal at the same time,S1 The image from the device connected to the video terminal is given priority.

When viewing images from a device connected to the video terminal

Please follow the steps below toSTurn "Video" off.

1. Press the input selector button to select the video input Choose power.
2. Press the menu button.
3. Press the SELECT +/- button to select "Various Settings" and press the decision button.
4. Press the SELECT +/- button to select "SSelect "Video" and press the decision button.
5. Press the SELECT +/- button to select “OFF”, then press the ENTER button.
6. Press the Menu button to close the menu.

Connections when editing



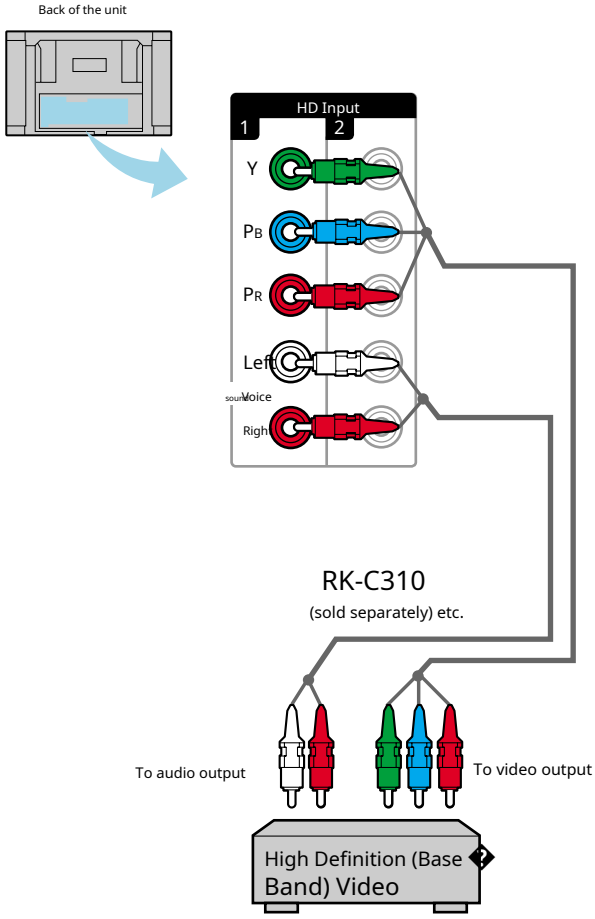
Note

1Do not connect both the output and input terminals of this unit to the same video device at the same time. This may cause the image to become distorted.

High Definition*(Base van D) Videos, etc.

High definition video (baseband)

You can hit it.



For terms marked with an asterisk, please refer to the glossary.¡50page

Types of multimedia devices that can be connected

Types of signals that can be connected

Multimedia devices use different signal formats depending on the type.

varies.

Please check that the signal is as follows before connecting.

please.

Supported Signals	display (Dots x Lines)	Horizontal Frequency	Vertical Frequency
VGA*1 Graphics	640×480	31.5kHz	60.0Hz
VGA*1 text	640×400	31.5kHz	70.0Hz
Macintosh*2 13inch color	640×480	35.0kHz	66.7Hz

*1VGAis United StatesIBMis a registered trademark of the company.

*2Macintoshis a registered trademark of Apple Computer, Inc.

is.

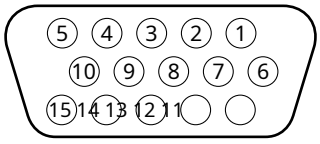
Note

- Do not connect any devices other than those listed above as it may cause a malfunction.

- It is recommended that you view the image with the picture quality mode set to "Standard".
- Depending on the multimedia device,VGAEven if a certain TV is labeled "compatible," there are rare cases in which the horizontal frequency, vertical frequency, and sync signal may not match this unit and the image may not be displayed.

RGBInput terminal (top of unit)(3Columns15pinDSubconnect

Pin assignment for the



1	2	3	4	5
R	G	B	GND	GND

6	7	8	9	10
GND	GND	GND	–	GND

11	12	13	14	15
GND	–	H-SYNC	VSYNC	–

GND: EarthR: Red inputG: Green inputB: Blue input

- : UnusedH-SYNC: Horizontal sync input

VSYNC: Vertical sync input

Connecting an audio device

In amplifiers such as stereos and active speakers

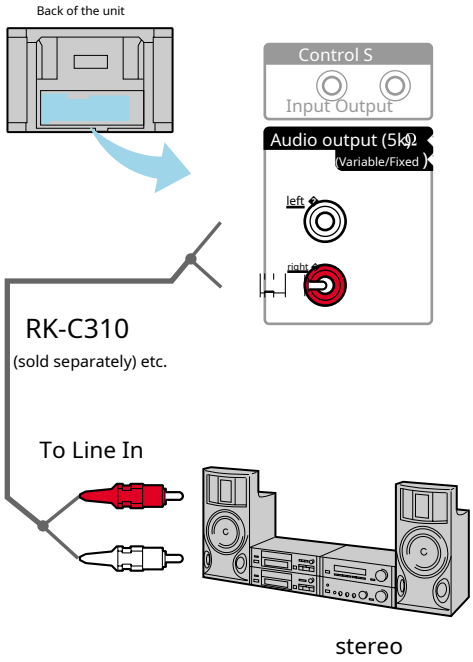
To connect a built-in device, select Audio Output (Variable/Fixed)

Use the terminal.

The default settings are to connect the unit using the remote control.

You can now adjust the volume from your audio device.

Point the remote control at the unit.



Adjust the volume on the connected audio device.

To

1 Press the menu button.

2 Press the SELECT +/- button to select “INITIAL SETTINGS” then press the ENTER button.

3 Press the SELECT +/- button to select “Audio Output”, then press the ENTER button.

4 Press the SELECT +/- button to select “Fixed”, then press the ENTER button.

5 Press the Menu button to close the menu.

⚠ Note

When switching "Audio Output" to "Fixed", be sure to turn down the volume of the connected audio device to minimum before

Please switch it. When it is set to "Fixed"

The maximum volume when variable is output.

Speakers connected to the speaker output terminals

To turn off the car audio

1 Press the menu button.

2 Press the SELECT +/- button to select “SOUND QUALITY”, then press the ENTER button.

3 Press the SELECT +/- button to select "Speaker". and press the decision button.

4 Press the SELECT +/- button to select “OFF”, then press the ENTER button.

5 Press the Menu button to close the menu.

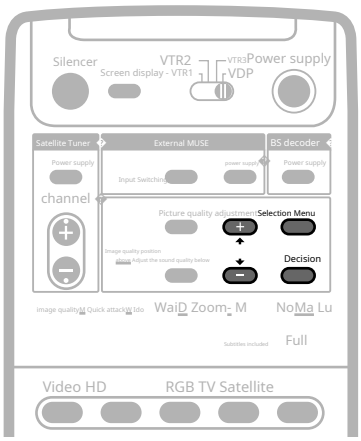
"Audio output" and "Speakers" can also be set using the control pad on the front of the unit.

Correcting image tilt caused by geomagnetic field

After setting up the monitor, adjust the orientation.

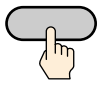
Please adjust the temperature correctly. This will reduce the effect of the earth's magnetic field.

This allows you to enjoy a better screen.



1 Press the menu button.

Menu

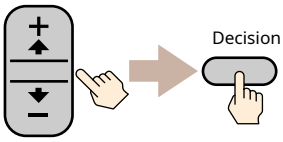


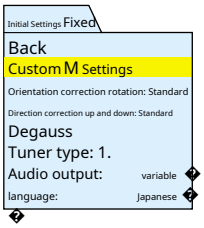
2

Press the SELECT +/- button to select "Initial Settings"

Select "Settings" and press the decision button.

Select



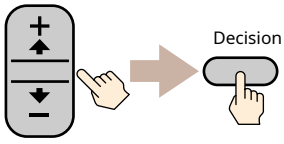


3

Press the SELECT +/- button to select "Directional Compensation"

Select “Forward Rotation” and press the decision button.

Select



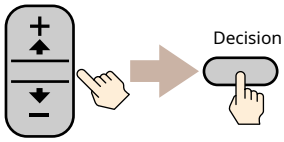
4 Press the SELECT +/- button to adjust

Press the decision button.

While looking at the image, the horizontal lines on the screen are the most

Adjust it so that it is level.

Select



5 Press the Menu button to open the menu. erase.

Note

- Correction may not be possible near high voltage lines or in houses made of reinforced concrete, so please consult the store where you purchased the product.
- Large speakers placed close to the monitor will not provide good compensation, so move the monitor away from the speakers.

To adjust the screen position up or down

(HD1,2,RGBCan only be adjusted during input.)

When installing the projector, the top and bottom positions of the screen may be misaligned depending on the direction. Please correct this using the following method.

1Press the menu button.

2Press the SELECT +/- button to select "Initial Settings", then press the ENTER button.

3Press the SELECT +/- button to select "Direction Correction Up/Down" and press the ENTER button.

4Press the SELECT +/- button to adjust the top or bottom position of the screen, then press the ENTER button.

5Press the Menu button to close the menu.

The corrected screen position will not change even if the power is turned off.

Compass orientation can also be adjusted using the control pad on the front of the unit.

Switching the tuner type

Use the unit's remote control to control the connected Sony

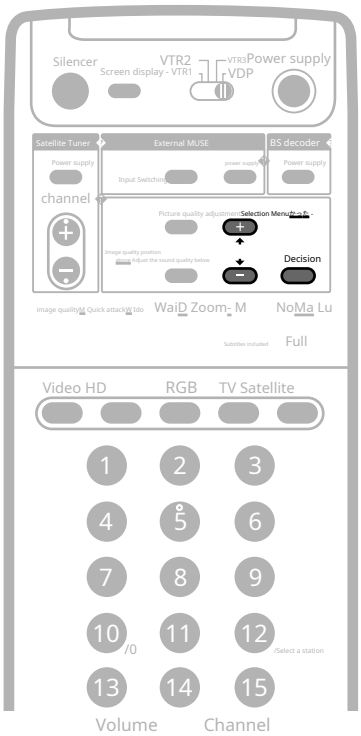
tuner*Power on/off and channel change

You can use the tube in advance.

You must have a type of

vinegar.

*Sony digitalCSTuners are excluded. Regardless of the tuner type setting below, you can control digitalCS You cannot turn the tuner on/off or change channels.



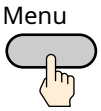
Note

- When you purchase the product, the tuner type is1" is set.
- controlSWhen connecting to the terminal, point the remote control towards the monitor.S
  When not connected to the terminal, point the remote control at the tuner to operate it.

The tuner type can be set using the control on the front of the unit.

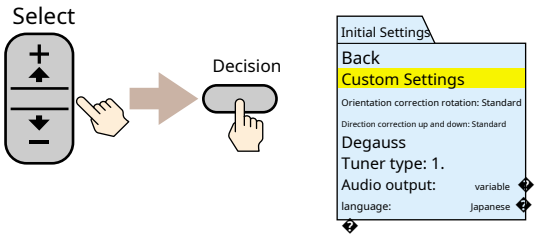
You can also do this using a roll pad.

1 Press the menu button.



2 Press the SELECT +/- button to select "Initial Settings"

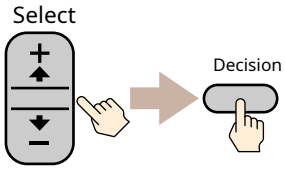
Select "Settings" and press the decision button.



3 Press the SELECT +/- button to select "Tune

Select "Nurer Type" and press the OK button.

push.



4 Press the SELECT +/- button to select "1"Ma

Or "2" and press the decision button.

Tuner Type	Your tuner
1	SAT-900TV
2*	VT-X5R/X3R/X2R

*The video button will not work.
Video when switching power1~4Please press the button.

5 Press the Menu button to open the menu.

erase.

Setting

Fixed

Edited

Customize the menu to your liking(Custom

BodyCONTROLThe first thing that appears when you press the Menu button on the key or remote control

Change the menu items to suit your preferences.

You can. (maximum7item)

It is convenient to store frequently used items.

1 Press the menu button.

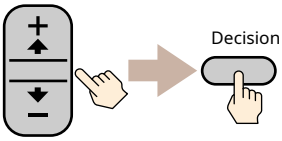
Menu

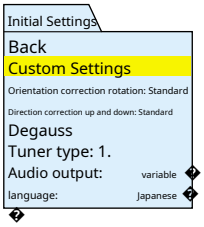
2

Press the SELECT +/- button to select "Initial Settings"

Select "Settings" and press the decision button.

Select





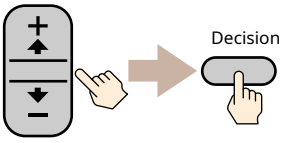
3

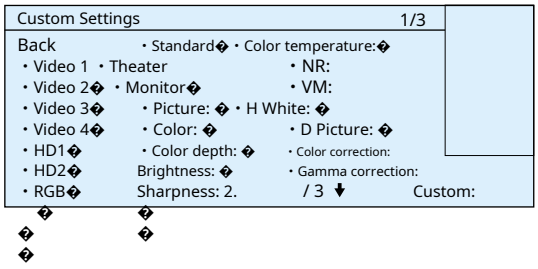
Press the SELECT +/- button to select "Custom

Select "System Settings" and press the

vinegar.

Select

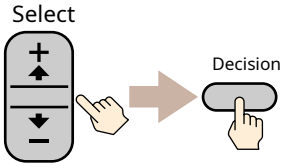


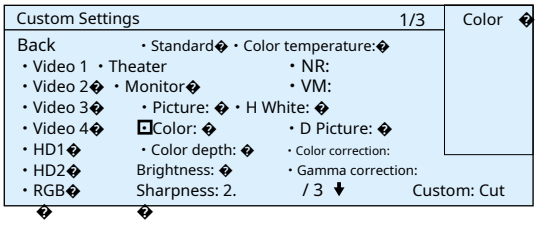


4

Press the SELECT +/- button to register

item you want to change, then press the OK button.





• 2If you want to register more than one item, proceed as follows:4

Repeat the process.

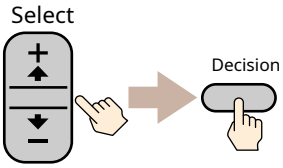
- Custom Settings2or3To move to the next page, press the SELECT +/- button.

"2/3."or"3/3." and press the decision button.1or2To go back to the first page, press1/3>" or"2/3>"Please select ".

5

Press the SELECT +/- button to select "Custom

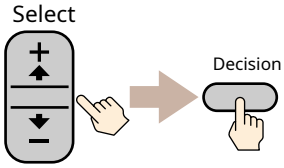
Select "System" and press the decision button.



6

Press the SELECT +/- button to select "ON".

Select it and press the decision button.



7

Press the Menu button to open the menu.

erase.

next time,CONTROLWhen you press the key or the Menu button on the remote control, the custom A menu will appear.

Custom Menu List

	Standard	Color Temperature
video1	Theatre	NR
video2	monitor	VM
video3	picture	Hwhite
video4	Color	Dpicture
HD1	Color Intensity	Color Correction
HD2	Brightness	Gamma Correction
RGB	Sharpness	

	Wide Zoom	Width
DCcorrection	zoom	Pin distortion upper corner
Treble	Subtitles included	Pin-distorted corner
bass	Full	Pin distortion up and down
balance	normal	Pin distortion left and right
Surround	Screen position up/down	Vertical trapezoid
speaker	Vertical size	Horizontal trapezoid
Auto Wide	Screen position left/right	

	Time display	language
Vertical Line Slope	HHDecoding	
Vertical line bow	Spicture	
ConverHposition	Orientation correction rotation	
Converter Amplifier	Direction correction up/down	
Convert Tilt	Degauss	
Screen Display	Tuner Type	
Erasing	Audio Output	

To cancel a custom setting

The procedure on the left4Then, press the SELECT +/- button to select the item you want to cancel, then press the ENTER button.

The cancelled item is removed from the top right column.

vinegar.

To display the normal menu screen

The procedure on the left6Select "Off" with .

Custom settings can also be made using the control pad on the front of the unit.

Remove color unevenness

To degauss, use the control pad on the front of the unit.

You can also do it using

Do not use speakers, audio equipment, or other devices that emit magnetic fields.

Place the object near the monitor,

If you change the orientation of the monitor, the color of the screen may change.

Unevenness may occur.

Follow the steps below to degauss your monitor.

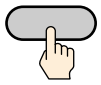
Please.

When you turn the power on or need to degauss again

When there is,15You will get the full effect if you wait at least a minute.

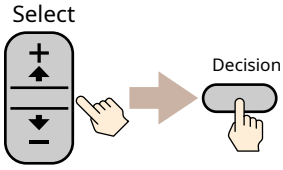
1 Press the menu button.

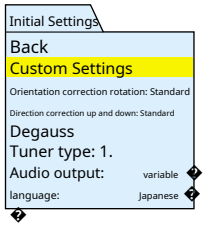
Menu



2 Press the SELECT +/- button to select "Initial Settings"

Select "Settings" and press the decision button.

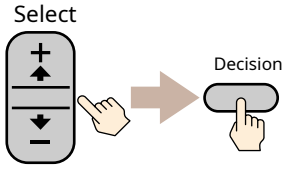




3 Press the SELECT +/- button to select "Degauss

then press the decision button.

The screen will go blank for a moment.



4 Press the Menu button to open the menu.

erase.

Other Settings

Change the screen display to English

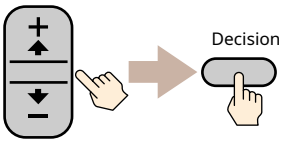
1 Press the menu button.

Menu

2 Press the SELECT +/- button to select "Initial Settings

Select "Settings" and press the decision button.

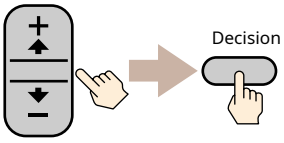
Select



3 Press the SELECT +/- button to select "Language"

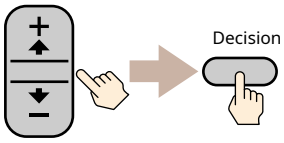
Select and press the decision button.

Select



4 Press the SELECT +/- button "ENGLISH" and press the decision button.

Select



5 Press the Menu button to open the menu.

erase.

To change the screen display back to Japanese

The above steps4Select "Japanese".

Regenerating wide clear vision Switching modes

Wide Clear Vision Broadcasting•If the signal strength is poor, the image may be difficult to see. In that case, you may be able to see the image more easily by following the procedure below to disable decoding (restoring) the horizontal resolution helper signal.

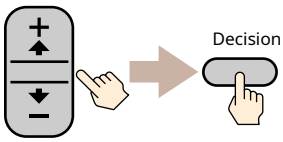
1 Press the menu button.

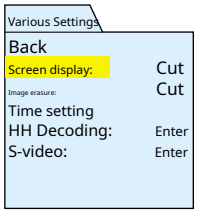
Menu

2 Press the SELECT +/- button to select "Various Settings

Select "Settings" and press the decision button.

Select

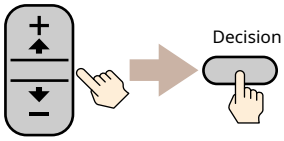




3 Press the SELECT +/- button to select "HHD

Select "Code" and press the OK button.

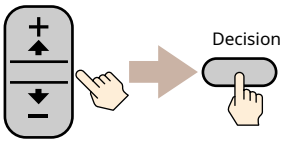
Select



4 Press the SELECT +/- button to select "OFF".

Select it and press the decision button.

Select



5 Press the Menu button to open the menu.

erase.

To decode the horizontal resolution enhancement signal again,

The above steps4Select “On” with .

If you think it might be broken

The TV is not working/orSTANDBYThe (Standby) light is flashing	pSTANDBYIf the (standby) light is flashing,¡41"Self-diagnosis" on page Please see “Display off”. pIs the power cord unplugged? pIs the monitor turned on?
Screen mode changes automatically during auto wide mode Replace	pAutomatically switches to the optimal wide screen, so the picture The screen size may change and look unnatural, or it may take a few seconds for the size to change, but this is not a malfunction. "Auto Wide" is "2") pThis is because the device receives an image with an identification signal and switches to a screen mode that corresponds to the signal. vinegar.(¡9Page) ("Auto Wide" is "1"or"2") pHave you manually switched to wide screen? (¡10Page) ("Auto Wide" but"1"or"2")
No picture or sound at all	pIs the power cord disconnected? pIs the monitor turned on? pIs a signal being input? pIs it connected correctly? (¡twenty four~33page) pIs the connection cord disconnected? premote control video,HD,RGBTry pressing the button. (¡8page)
The image appears, but No sound	pIs the volume turned all the way down? pIs the "Mute" message displayed on the screen? pHave you set "Speakers" to "Off" in the menu? pIs the speaker cord disconnected?
There is sound but no picture	pHave you set "Picture Off" to "On" in the menu? (¡5page) pSHave you selected the wrong video input and video input? (¡30page)
The volume on the left and right is different	pPlease adjust the left and right volume balance in the menu.¡20page)
The screen is blurry	pIn the menu, clickNR" Try setting it to "Off." (¡19page) pIn the menu, clickVM" set to "Off"? (¡19page)
No color, strange colors, dark screen	pTry pressing the picture mode button. (¡18page) pPress the picture quality adjustment button to adjust.¡19page) pTry degaussing. (¡38page)
There is uneven color in some parts of the screen	Keep objects that disturb the geomagnetic field away from the monitor. pPlease install the monitor away from the steel frames or metal stands of the apartment building. pPlace any video or speakers away from the monitor. If this occurs when you change the monitor orientation pThis is due to the influence of the earth's magnetic field.¡38page)
The image is doubled, Become triple	pIs the antenna cable connected to the tuner about to come loose? Reflected radio waves may hit the antenna, causing double or triple images. Adjust the position, direction and angle of the antenna. pIf the image suddenly becomes double or triple-layered, please consult the store where you purchased the product.
Snow falling Face, thin screen, wind Flickering when the light goes off	pHas the antenna connected to the tuner been damaged or bent by the wind? pIs it the end of the life of the antenna connected to the tuner?3~5Year, Seaside So1~2It's the year. pIs the antenna cable connected to the tuner disconnected?
Spots or dots running	pThe cause is noise radio waves from hair dryers, cars, motorcycles, etc. pPlease keep the antenna connected to the tuner as far away from the road as possible.
Image is tilted	pAdjust "Orientation Correction Rotation" in the menu. (¡34page)
Noisy or streaky noise	pAre you using a feeder cable to connect the tuner to the antenna? pMove the monitor away from the wall. The wiring in the wall may be connected to the feeder wire. When it is on, noise is reduced.
Vertical stripes appear when playing/recording video Noise is heard	pThis is because the video head will interfere with the monitor or Please install it away from the scanner.
A creaking sound coming from the cabinet Go out	pA crackling noise may occur when the cabinet expands or contracts due to changes in the surrounding temperature. This is not a malfunction.

There is a buzzing noise when I turn it on	pThis is the operating sound of the degaussing circuit, which operates to remove the effects of geomagnetism, etc. There is none.
Immediately after turning off the monitor, I hear a crackling sound from behind	pThis is caused by static electricity generated inside the monitor and is not a malfunction.
Unable to select items on menu screen/dark grey There are items displayed	pDepending on the type of content you are watching and the settings you have made on the menu screen, you may not be able to select the Items displayed in dark gray on the menu screen cannot be selected.
Images on multimedia devices such as computers are distorted	pIs the signal from the multimedia device compatible with this unit?
Images from multimedia devices such as computers are missing. Can	pChange the screen mode (¡10page), Screen Adjustment (¡13page), Image quality adjustment (¡18page). pYou can adjust the display range and position of the screen in the "Screen Mode" and "Initial Settings" menu. Please check the setting value. Screen mode: "Screen position left/right""Screen position up/down""Vertical size" "Horizontal size"(¡13~15page) Default setting: "Orientation correction rotation" "Direction correction up and down"(¡34page)
Color of images on multimedia devices such as computers Something is wrong/smearing	pPlease adjust the image quality.(¡18page)
Vertical image quality of multimedia devices such as computers The line is bent	pPlease adjust the vertical line distortion. (¡17page)
Images from a computer or other multimedia device are not displayed. Not	pIs it connected correctly? (¡6page) pAre you using the right cable or adapter? p3Columns15pinD (¡6page) Are the pins of the sub-connector bent?
Images from computers and other multimedia devices Moiré patterns or dotted patterns appear	pThe resolution of the signal of a multimedia device, the pitch of a CRT, or some picture Moire patterns may appear depending on the relationship between the dot pitches of the image pattern.
Cannot be operated with the remote control	pIs the battery exhausted? pIs the battery inserted backwards? pBodySTANDBYIs the (standby) light on? It's not on. When this happens, press the power switch on the unit. pIs the remote control receiver too far away or at too large an angle? pIs there a strong light such as a fluorescent light near the remote control sensor? Please install it accordingly. pIs the control wireless switch on the back of the unit turned off? (¡twenty fivepage)
STANDBYIf the (standby) lamp is flashing	pCount the number of flashes and contact your retailer or a Sony service center. Sai.

To reset all menu items and functions to the factory settings

Press the decision button and the screen display button on the remote control at the same time. (Restores normal function)

Self-diagnosis display

- The screen goes blank,STANDBY When the (Standby) lamp flashes

This unit has a self-diagnosis function.

If an abnormality occurs in this unit,STANDBYThe number of times the (Standby) lamp flashes indicates the TV to provide smoother service.

This is a function to accommodate your needs.

STANDBYWhen the (standby) lamp starts flashing, follow the procedure on the right to purchase the product from your retailer or Please contact your nearest Knee Service Center.

STANDBY(stand-by) lamp

1 STANDBY (Standby) light flashes
Please count them.3It flashes every second.
for example,2Blinks timesn3Secondsn2In this case, the number of blinks is2times.

2 Turn off the power using the power switch on the TV.
Blinking at the store where you purchased it or at Sony Service Center
Please let us know the number of times.

Warranty and after-sales service

About the warranty

- This product comes with a warranty. Please receive it from the store where you purchased it. please.
- Please fill in the required information, check the contents, and then keep it in a safe place.
- The warranty period begins from the date of purchase.1Annually. However, the cost of the CRT and the replacement of the CRT are not included.

  The associated technical and travel fees are2Free for one year.

About after-sales service

If you're not feeling well, check it out first

/Please refer to the "Troubleshooting" section.

Please check to see if it is broken.

If the problem persists, contact the service center.

/ Please contact your retailer or the attached "Sony Consultation

Please contact your nearest Sony Service Center in the "Service Information" section.

Please consult with the service desk.

Repairs during the warranty period

/ The repair was done based on the warranty.

Thank you.

Please refer to the warranty card for details.

Repairs after the warranty period has expired

/ If the functionality can be maintained by repair,

If desired, we will repair it for a fee.

Parts retention period

We provide repair parts (manufactured parts) for color monitors.

(parts necessary to maintain the functionality of the product)

Lowest after cancellation8We will keep this part in stock for a year. The period during which this part is in stock will be the period during which repairs can be made.

Even after the warranty period has expired, depending on the location of the failure,

In some cases, repairs may be possible, so

Please consult your dealer or service center.

The retention period for repair parts is determined by the Ministry of International Trade and Industry.

It's through guidance.

When consulting, please let us know the following:

stomach.

Model name:KX-32HV50

Fault condition: Please provide as much detail as possible

Purchase date:

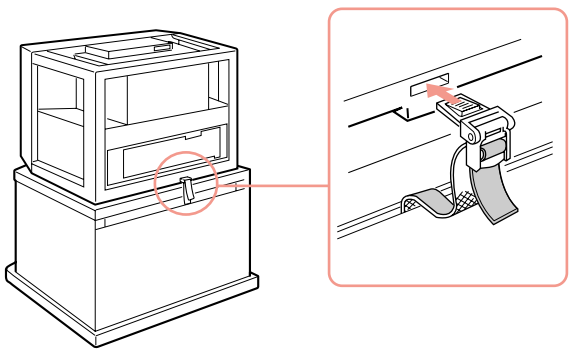
Shop TEL.
Nearby service station TEL.

This monitor is designed for use in Japan only and is not to be used in any other country.

To prevent the monitor from falling over

If a child climbs on or pushes the monitor, it may fall over. When using a commercially available TV stand, use the following optional item to prevent the monitor from falling over.

TV/rack fixing strap:BLT-R10



Main Specifications

system

Reception method NTSCmethod
1125/60High definition television system
CRT* HDTrinitron110Degree deflection32Type
*The monitor type does not indicate the screen size, but the outer diameter of the CRT.
This is a size guide based on the corner dimensions.
Screen size 32Type66.2×37.3,76cm
(Width x height, diagonal diameter)

Input/Output Terminals

Audio Output Pin jack,2channel
`
0~500mVrms(Variable voice,100% modulation)
Output Impedance5kΩbelow
video1,2,3,4Input terminal
S1picture:4Pin MiniDIN
Y:1Vp-p,75 ohms, unbalanced, synchronous negative
C:0.286Vp-p(Burst signal) ,75 ohms
Video: Pinjack,1Vp-p,
75 ohms, unbalanced, synchronous negative
Audio: Pin jack,2channel,
500mVrms, impedance47kΩEnd
Video output terminal S1picture:4Pin MiniDIN
Y:1Vp-p,75 ohms, unbalanced, synchronous negative
C:0.286Vp-p(Burst signal) ,75 ohms
Video: Pinjack,1Vp-p,75 ohms, disequilibrium,
Sync Negative
Audio: Pin jack,2channel,
500mVrms, impedance5kΩVideo
HD1,2Input terminal below: Pinjack
Y 1Vp-p(3(with value synchronization)
P_B,P_R: ±350mVp-p 3
Value sync: ±300mVp-p
Input impedance75 ohms
Audio: Pin jack,2channel
500mVrms, impedance47kΩEnd
RGBInput terminal (top of unit)
picture:D-SUB,3Column,15pin
RGBVideo signal Analog0.7Vp-p,75 ohms
Horizontal Sync Signal TTLLevel, positive/negative polarity
Vertical Sync Signal TTLLevel, positive/negative polarity
Audio: Mini jack,2channel
500mVrms, impedance47kΩEnd
RGBInput terminal (rear of the unit)
Video: Pinjack
RGBVideo signal Analog0.7Vp-p,75 ohms
Horizontal Sync Signal TTLLevel, positive/negative polarity
Vertical Sync Signal TTLLevel, positive/negative polarity
Composite Sync Signal 1~5Vp-p,2kΩ
Audio: Pin jack,2channel
500mVrms, impedance47kΩEnd
controlSInput/Output Terminals
Mini Jack
Speaker output terminal Maximum practical use15W×2

Power supply and other parts

Power Consumption 245W(Remote control standby2.5W)
Annual power consumption** 315kW·h/year
＊＊Annual power consumption is based on the Energy Conservation Law and is calculated based on the model size and reception
The average viewing time in an average household (4~5This is the amount of electricity used in a year, calculated based on the number of hours.

Maximum external dimensions 82.4×53.4×60.0cm
(Width x Height x Depth)
mass about67.5kg
power supply AC100V,50/60Hz
accessories Remote CommanderRM-J201(1) Dry cell battery D3Type (1)
operating instructions(1)
Warranty card (1)
Sony Customer Service Center Information (1)
For your safety (1)
Safety inspection recommendations (1)

Optional accessories

Mysterious Remote Control RM-J152
Monitor stand SU-32HVX
TV rack fixing belt
BLT-R10
speaker SS-X50A
Connection cables etc.

Note

If a signal other than the recommended signal is input from a connected multimedia device, the size of the character display area may change or the position on the screen may shift. This is not a malfunction of the monitor.

- This monitor is for use in Japan only and cannot be used in foreign countries with different power supply voltages and broadcasting standards.
- Please note that specifications and appearance may be changed without notice for improvement purposes.

Menu screen list

The input selection screen and menu screen shown below are the default settings.¡36Changing the settings on the menu screen (page 13) will change the menu screen display.

To reset all menu items and functions to the factory settings, press the decision button and the screen display button on the remote control at the same time (returns to original function).

Menu Screen	function	Contents
Input Switching Input Switching ・Video 1 ・Video 2 ・Video 3 ・Video 4 ・HD 1 ・HD 2.0 ・RGB Menu	video1 video2 video3 video4 HD1 HD2 RGB	Switches the input.
menu Menu Image quality Sound quality Screen Mode Various switching Initial Settings Input Switching		
Image quality Back ・Standard ・Theater ・Monitor Adjustment	image quality Standard Theatre monitor Adjustment	3The adjustment contents for each of the three picture quality modes are memorized for each input terminal. A well-balanced image with clear contrast between bright and dark areas. Suitable for bright rooms. This reduces the brightness of the image and faithfully reproduces the subtle gradations in the dark areas. This is suitable for watching movies or rental software in a darkened room. This is the original signal image. It is suitable for checking uncorrected images such as images taken with a video camera. For each of the above image quality modes, you can make more detailed adjustments.¡19page)
Sound quality Back Treble: Standard bass: Standard balance: Standard Surround: Cut Standard speaker: Enter •	Sound quality Treble bass balance Surround* standard speaker	The audio quality setting is memorized for each input terminal. Adjusts the treble. Adjusts the bass. Adjusts the balance of the sound coming from the left and right speakers. Surround*Select the type of effect. Resets the sound quality to the factory settings. Turns the audio from the speakers connected to the speaker terminals "on" or "off."
Screen Mode Back Auto Wide Setting ・Wide zoom ・Zoom ・Subtitles included ・Full ・Normal Adjustment	Screen Mode Setting zoom Subtitles included Full normal Adjustment	Maximum for each frequency of the video5The adjustments for each of the different screen modes are memorized.¡13page) Auto Wide Select the operation status of Auto Wide. (¡11Page) Wide Zoom 4:3Video of16:9The image is enlarged to fit the top and bottom of the screen, and any excess is compressed to fit within the screen. The landscape image is enlarged as is. The horizontally long image is simply enlarged and the subtitles are compressed to fit within the screen. 4:3Video of16:9stretch it horizontally to fill the entire screen. 4:3The image will be displayed as is. Fine-tune for each of the above screen modes. (Adjusting items are¡13page)
Various Settings Back Screen display: Cut Image erasure: Cut Time setting HH Decoding: Enter S-video: Enter	Various settings Screen Display Erasing Time setting HHDecoding Spicture	On-screen display "On"Then press "Off". It only erases the image. Set the time. Decode (restore) the horizontal resolution reinforcement signal of Wide Clear Vision broadcasting to "On" Turn it off. SSwitches between images.

Menu Screen

menu

Menu

Image quality

Sound quality

Screen Mode

Various switching

Initial Settings

Input Switching

Initial Settings

Back

Custom Settings

Orientation correction rotation: Standard

Direction correction up and down: Standard

Degauss

Tuner type: 1.

Audio output: Variable

language: Japanese

function	Contents
Initial Setup	
Custom Settings	CONTROLYou can set the display to display the menu item of your choice when you press a key or menu button. After installing the monitor, you can compensate for the effects of geomagnetic fields on the screen.
Orientation correction rotation	
Direction correction up/down	After installing the monitor, you need to compensate for the effects of geomagnetic fields on the screen.HD1,2,RGB(Only for input) Demagnetizes the monitor to remove color irregularities.
Degauss	
Tuner type	Connected Sony tuner (digitalCStuner Set the type of the
Audio Output	"Fixing" the audio output from the audio output terminal, Turn off "Variable" I will replace it.
language	The screen display language can be changed to "Japanese" or "ENGLISH" You can choose from.

Adjusting picture quality, sound quality and screen mode

Numbers that can store whole numbers

Input terminal	image quality	Sound quality
video1	Standard, Theater, Monitor	1kinds
video2	Standard, Theater, Monitor	1kinds
video3	Standard, Theater, Monitor	1kinds
video4	Standard, Theater, Monitor	1kinds
HD1	Standard, Theater, Monitor	1kinds
HD2	Standard, Theater, Monitor	1kinds
RGB	Standard, Theater, Monitor	1kinds

Horizontal frequency of the input signal	Adjustable screen modes
NTSC 15.75kHz	Zoom, Full, Normal Wide zoom, subtitles
VGA Wide Clear Vision Full specs31.5kHz	Zoom, Full, Normal
High Definition33.75kHz	Zoom, Full
Macintosh 13Inch Color	Zoom, Full, Normal

Custom Menu List

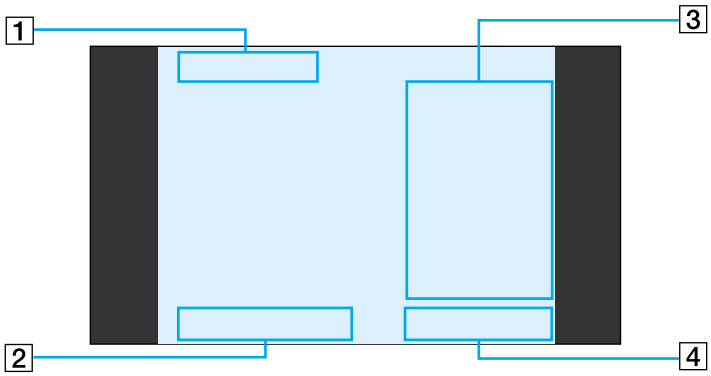
	Standard	Color Temperature
video1	Theatre	NR
video2	monitor	VM
video3	picture	Hwhite
video4	Color	Dpicture
HD1	Color Intensity	Color Correction
HD2	Brightness	Gamma Correction
RGB	Sharpness	

	Wide Zoom	Width
DCcorrection	zoom	Pin distortion upper corner
Treble	Subtitles included	Pin-distorted corner
bass	Full	Pin distortion up and down
balance	normal	Pin distortion left and right
Surround	Screen position up/down	Vertical trapezoid
speaker	Vertical size	Horizontal trapezoid
Auto Wide	Screen position left/right	

	Time display	language
Vertical Line Slope	HHDecoding	
Vertical line bow	Spicture	
ConverHposition	Orientation correction rotation	
Converter Amplifier	Direction correction up/down	
Convert Tilt	Degauss	
Screen Display	Tuner Type	
Erasing	Audio Output	

About the display screen

Example: When the screen mode is normal



1Input display

The selected input is displayed.

Example: Video2

Sbefore displaying the input if video is selected

"S" will be added.

example:Svideo2

Mute display

2Screen Mode Display

Example: Zoom

Picture mode display

Example: Standard

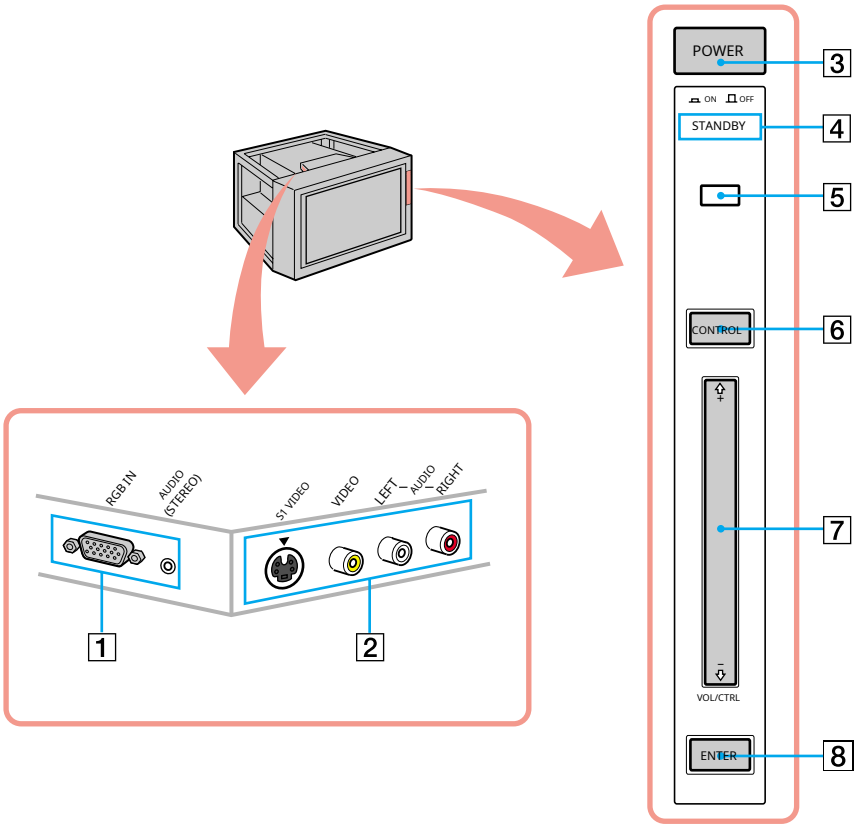
3Menu Screen

4Volume adjustment

Example: Volume10

Identification of controls

Top and front of main unit/Monitor Top & Front Panels

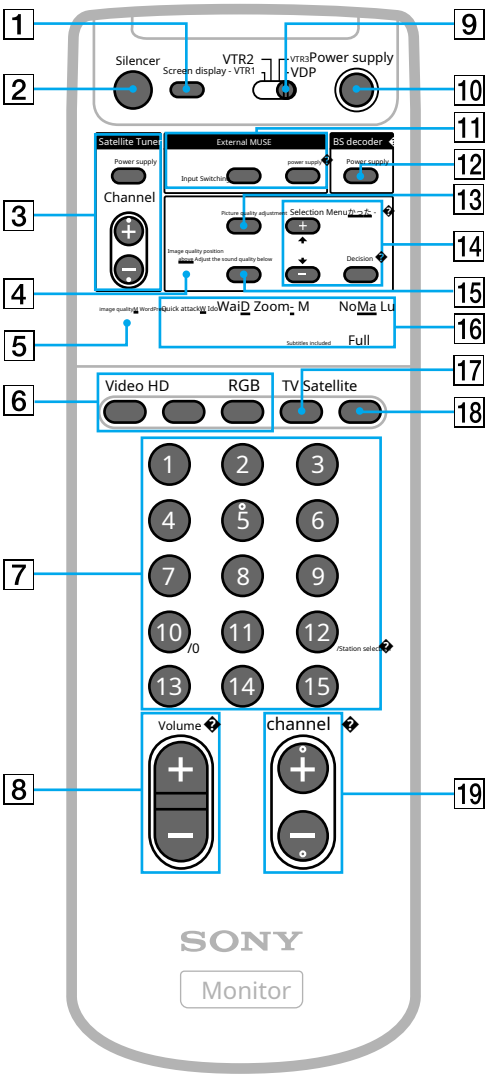


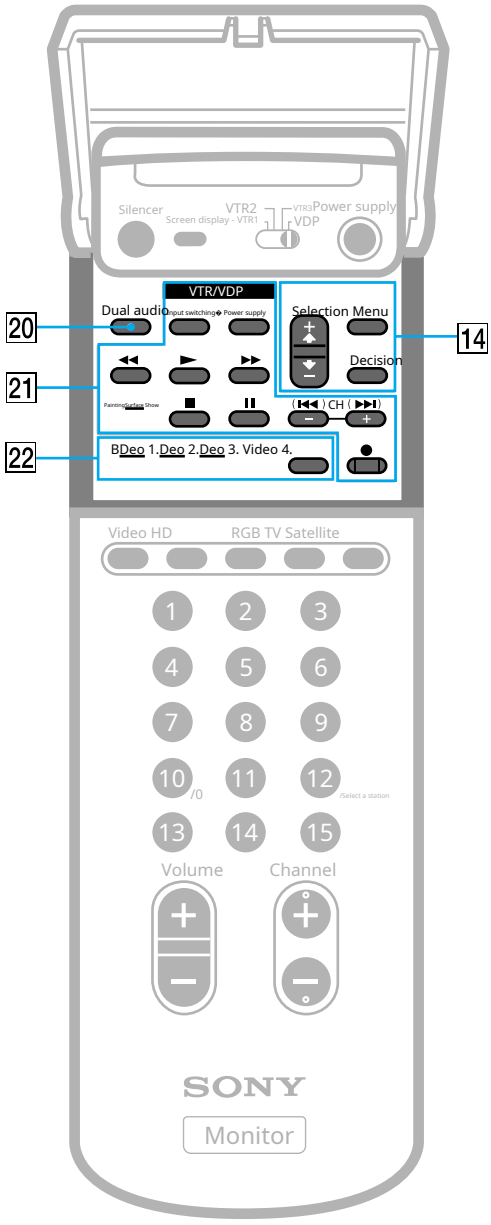
1RGB IN(RGBInput) terminal¡6page
AUDIO (STEREO)(Audio input) terminal
2VIDEO 2 IN(video2Input) terminal¡7page
S1 VIDEO(S1Video) terminal
VIDEO(Video) terminal
AUDIO LEFT(audio Left) Terminal
AUDIO RIGHT(audio Right) Terminal
3Power Switch¡2,3page 4Standby lamp¡2,3page 5Remote control receiver
6CONTROLkey¡2,3page
7Control Pad¡ ¡2,3page 8ENTERkey¡ ¡2, 3page

1RGB IN connector page 6
AUDIO (STEREO) input jack
2VIDEO 2 IN connectors page 7
S1 VIDEO jack
VIDEO jack
AUDIO LEFT jack
AUDIO RIGHT jack
3POWER switch page 2, 3
4STANDBY indicator pages 2, 3
5Remote control sensor
6CONTROL key Pages 2, 3
7Control pad Pages 2, 3
8ENTER key Pages 2, 3

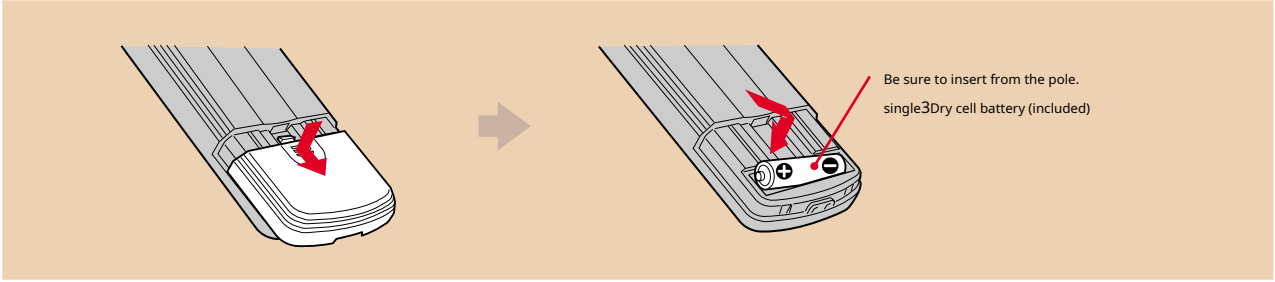
To be continued

Remote control/Remote Control





To insert batteries into the remote control



1Screen display button¡5
page 2Mute button¡5page
3Satellite Tuner Power Button¡5page
Channel +/- buttons
4Screen position up/down buttons¡13
page 5Picture Mode Button¡18page 6
Input switch button¡4,8page
Video button
HDbutton
RGBbutton
7Channel Number Buttons¡5,twenty two,twenty
threepage 8Volume +/- buttons¡5page
9VTR1/VTR2/VTR3/VDPChangeover switch
¡twenty twopage
0Power button¡4page
!¡externalMUSEPower button
Input switch button
!™B.S.Decoder power button
!£Picture quality adjustment button¡19
page !¢Click the menu button¡11page
Select +/- button
Confirm button
!∞Sound quality adjustment button¡20
page !§Wide screen operation section¡9,
10page !TV button¡5page !•Satellite
Button¡5page
!ªChannel +/- buttons¡5page

@ºDual Audio Button¡5page @¡VTR/VDP
Operation section¡twenty threepage @™
Input switch button¡4,8page
video1button
video2button
video3button
video4button

1Display button Page 5
2Muting button Page 5
3Satellite Tuner Power Switch Page 5
Channel +/– button
4Picture Position Up/Down button
page 13
5Picture mode button page 18
6Input Select buttons Pages 4, 8
Video button
HD button
RGB button
7Channel Number buttons Page 5, 22,
twenty three
8Volume +/– buttons page 5
9VTR1/VTR2/VTR3/VDP Select switch
Page 22
0Power button page 4
!¡External MUSE power button
Input Select button
!™BS (Broadcast Satellite) Decoder power
button
!£Picture Adjust button page 19
!¢Menu button page 11
Select +/– buttons
Enter button
!∞Sound Adjust button page 20
!§Wide Mode Select buttons pages 9, 10
!TV button page 5
!•Broadcast Satellite button page 5
!ªChannel +/– buttons page 5

@ºAudio Mode (Bilingual) button
Page 5
@¡VTR/VDP Operation buttons page 23
@™Input Select buttons pages 4, 8
Video 1 button
Video 2 button
Video 3 button
Video 4 button

Glossary

ID-1Method (VideoID-1system)

As part of the video signal,IDSymbol
By adding the aspect ratio of the screen (16:
9,4:3This is the name of a system that records information on
the input signal (such as a picture frame or letterbox).
ID-It supports one method.

S-1method(S1picture)

SVideoCDC to terminal5VBy
superimposing the16:9or4:
3) is the name of the system that records information
This unit isS-1It corresponds to the method.

Surround

This function adds a sense of realism to the audio.
In theaters and concert halls,
The sound coming from the wall (direct sound) and the sound coming from the wall (direct sound)
Sound that is reflected by the
The two sounds are mixed together.
The round is an application of this,
By mixing slightly delayed audio signals
This creates a sense of realism.

Three-dimensionalY/CIsolation Circuit

The circuit inside this unit creates the video signal.
doYSignals andCThe signals are processed
separately to produce a clearer image.

Cinemascope size

The aspect ratio of the video software screen is1:2.35
This is what we call something that is in this state.
It is wider than the Vista size.
Generally, it is used for movies with subtitles on the black bars.
The image size.

scramble

By encrypting video and audio signals,
For private satellite broadcasting, non-subscribers
The radio waves are scrubbed so that you cannot watch it during the day.
Then, encrypt it and send it.
Scrambled broadcasts
To watch it, you need a decoder.
etc.) is required.

Decoder

ScrambledB.S.Broadcasting, etc.
To unscramble and watch
It's a decoder.

DOS/Vcomputer

VGAEquipped with a video boardIBM PC
A PC with Japanese display.
I madeDisk Operating SystemHire
The name of the computer.

High-vision practical test broadcasting

1996year6As of the month,BS9On the channel
MUSETest station for practical use of HDTV system
The program is broadcast daily.MUSEmethod
To watch high definition broadcasts,
MUSEDecoder orMUSE-
NTSCA converter is required.

Vista Size

The aspect ratio of the video software screen is1:1.85
This is what we call something that is in this state.
Generally, there are subtitles in the image.
This is the image size for movies, etc.

VGA

VGAis United StatesIBMare registered trademarks of the company.
IBMGraphics mechanism adopted by the company
AnalogRGBand640×480With a resolution of 1000
x 1000 pixels,256The colors can be developed
simultaneously.DOS/VTo use this,VGA
A video circuit is required.

Macintosh

MacintoshApple Computer
is a registered trademark of the company.

MUSE

This is a high-definition bandwidth compression transmission method.
27MHzHDTV signal8MHz
Compress it to satellite broadcasting1It is
possible to send it in channel units.

MUSE-NTSCconverter

MUSEThe current broadcasting system for high definition broadcasting
Transmission method (NTSC) for converting
is.

MUSEDecoder

MUSEThe signal compressed by this method is then
John's Scanning Line1125Reproduced in a book
This is a decoder for

Wide Clear Vision Broadcasting

Wide Clear Vision broadcasting is currently on TV.
While maintaining compatibility with television broadcasts,
A new wide-screen and high-definition
It is a television broadcast.
This unit also has a built-in circuit for improving horizontal image quality.
It is stored in a HDD, so you can enjoy high-definition images.
It's free.

Company names and
The names and product names are registered trademarks, trademarks or registered trademarks of their respective companies.
It is a product.

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Printed in Japan

Sony online http://www.world.sony.com/

"Sony online" is Sony's electronics and entertainment home page on the Internet.

This manual is printed on recycled paper.